

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014189.D
 Acq On : 08 Feb 2018 12:16
 Operator : SJ/JU
 Sample : SSSTCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 16:20:27 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	90570	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	441024	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	317998	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	794961	20.00	ng	0.00
75) Chrysene-d12	21.16	240	850852	20.00	ng	0.00
86) Perylene-d12	23.34	264	671527	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	384807	74.05	ng	0.00
7) Phenol-d6	6.73	99	554835	75.39	ng	0.00
23) Nitrobenzene-d5	8.70	82	757946	76.77	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	347434	77.00	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1929660	75.75	ng	0.00
78) Terphenyl-d14	19.60	244	3338730	76.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	78604	36.812	ng	# 100
3) Pyridine	3.53	79	223247	37.756	ng	# 87
4) n-Nitrosodimethylamine	3.45	42	141009	37.436	ng	# 45
6) Aniline	6.89	93	357114	38.063	ng	97
8) 2-Chlorophenol	7.11	128	222852	37.733	ng	97
9) Benzaldehyde	6.70	77	200494	37.855	ng	88
10) Phenol	6.76	94	276637	38.077	ng	96
11) bis(2-Chloroethyl)ether	6.99	93	217793	37.923	ng	92
12) 1,3-Dichlorobenzene	7.43	146	275111	37.268	ng	# 87
13) 1,4-Dichlorobenzene	7.57	146	282140	38.043	ng	# 94
14) 1,2-Dichlorobenzene	7.89	146	282777	37.889	ng	# 92
15) Benzyl Alcohol	7.79	79	266643	39.102	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.06	45	219710	37.612	ng	89
17) 2-Methylphenol	7.99	107	213277	38.356	ng	# 84
18) Hexachloroethane	8.60	117	120807	37.686	ng	93
19) n-Nitroso-di-n-propylamine	8.35	70	244834	38.619	ng	# 88
20) 3+4-Methylphenols	8.33	107	308405	38.297	ng	86
22) Acetophenone	8.37	105	474320	37.404	ng	# 89
24) Nitrobenzene	8.75	77	379934	37.373	ng	94
25) Isophorone	9.26	82	612606	37.453	ng	# 91
26) 2-Nitrophenol	9.45	139	140840	36.726	ng	# 43
27) 2,4-Dimethylphenol	9.52	122	223306	38.205	ng	# 85
28) bis(2-Chloroethoxy)methane	9.75	93	317899	37.898	ng	95
29) 2,4-Dichlorophenol	9.98	162	255129	39.064	ng	99
30) 1,2,4-Trichlorobenzene	10.18	180	325631	37.821	ng	97
31) Naphthalene	10.36	128	919236	38.067	ng	99
32) Benzoic acid	9.71	122	176083	36.679	ng	# 69
33) 4-Chloroaniline	10.49	127	381396	37.996	ng	# 83
34) Hexachlorobutadiene	10.63	225	220259	37.294	ng	99
35) Caprolactam	11.30	113	85829	36.748	ng	# 86
36) 4-Chloro-3-methylphenol	11.63	107	315164	38.949	ng	86
37) 2-Methylnaphthalene	11.99	142	708241	38.944	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	416120	37.346	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	210141	35.870	ng	94

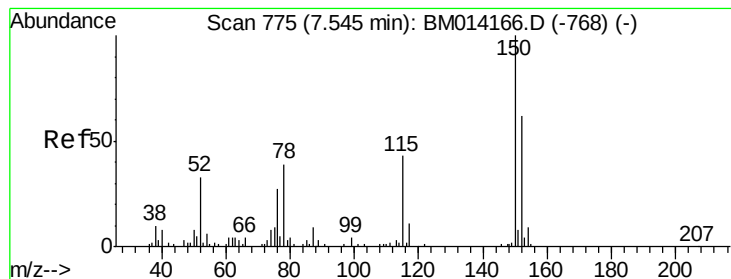
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	246416	37.645	nq	96
43) 2,4,5-Trichlorophenol	12.70	196	286276	39.612	nq #	85
45) 1,1'-Biphenyl	13.02	154	1045341	37.949	nq	98
46) 2-Chloronaphthalene	13.06	162	799979	38.258	nq #	93
47) 2-Nitroaniline	13.29	65	289504	37.624	nq #	79
48) Acenaphthylene	13.92	152	1303836	38.026	nq	99
49) Dimethylphthalate	13.67	163	1085180	38.119	nq	99
50) 2,6-Dinitrotoluene	13.80	165	222824	38.145	nq #	60
51) Acenaphthene	14.26	154	799375	37.822	nq	100
52) 3-Nitroaniline	14.13	138	230476	38.143	nq #	71
53) 2,4-Dinitrophenol	14.35	184	100205	34.916	nq	87
54) Dibenzofuran	14.60	168	1262542	38.230	nq #	88
55) 4-Nitrophenol	14.46	139	151632	35.169	nq #	83
56) 2,4-Dinitrotoluene	14.60	165	345541	38.329	nq #	79
57) Fluorene	15.26	166	1111005	38.239	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.84	232	262660	36.891	nq #	100
59) Diethylphthalate	15.04	149	1213940	38.416	nq	96
60) 4-Chlorophenyl-phenylether	15.26	204	576612	38.179	nq	92
61) 4-Nitroaniline	15.30	138	230099	38.057	nq #	22
62) Azobenzene	15.55	77	1254417	38.223	nq	84
64) 4,6-Dinitro-2-methylphenol	15.37	198	189905	36.399	nq	94
65) n-Nitrosodiphenylamine	15.48	169	971782	38.722	nq	98
66) 4-Bromophenyl-phenylether	16.15	248	351232	37.696	nq #	80
67) Hexachlorobenzene	16.26	284	386036	37.737	nq #	83
68) Atrazine	16.44	200	364503	38.724	nq	99
69) Pentachlorophenol	16.62	266	228837	36.175	nq	97
70) Phenanthrene	17.00	178	1840731	38.384	nq	98
71) Anthracene	17.09	178	1810600	38.749	nq	99
72) Carbazole	17.37	167	1673815	38.108	nq	99
73) Di-n-butylphthalate	17.93	149	2219129	39.480	nq #	97
74) Fluoranthene	19.03	202	2174690	38.519	nq	99
76) Benzidine	19.23	184	1028002	40.570	nq	99
77) Pyrene	19.39	202	2279232	38.559	nq	97
79) Butylbenzylphthalate	20.30	149	1000038	37.567	nq #	80
80) Benzo(a)anthracene	21.15	228	2110873	38.180	nq	98
81) 3,3'-Dichlorobenzidine	21.09	252	771100	37.317	nq	98
82) Chrysene	21.20	228	2001108	37.313	nq	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	1467311	37.788	nq	98
84) Di-n-octyl phthalate	21.95	149	2036404	37.883	nq	96
85) Indeno(1,2,3-cd)pyrene	25.51	276	1495237	35.462	nq	98
87) Benzo(b)fluoranthene	22.69	252	1808225	38.806	nq #	93
88) Benzo(k)fluoranthene	22.74	252	1729294	39.039	nq #	96
89) Benzo(a)pyrene	23.25	252	1572461	38.294	nq	98
90) Dibenzo(a,h)anthracene	25.51	278	1261313	37.587	nq #	95
91) Benzo(g,h,i)perylene	26.17	276	1175157	37.456	nq #	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

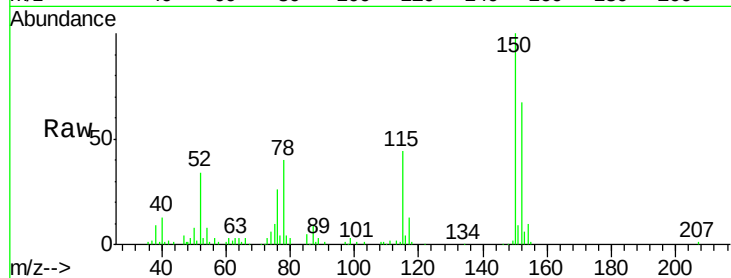


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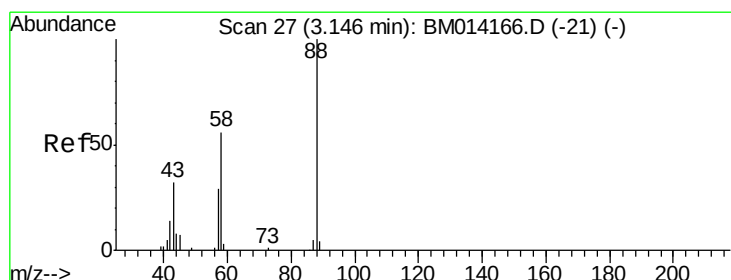
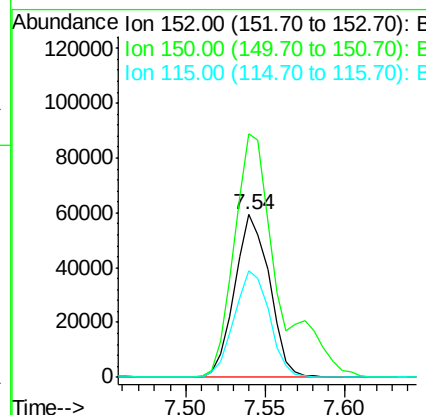
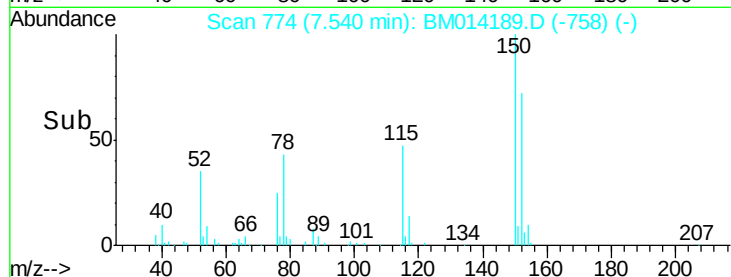
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 90570
Ion Ratio Lower Upper
152 100
150 149.7 119.5 179.3
115 65.5 43.0 64.4#



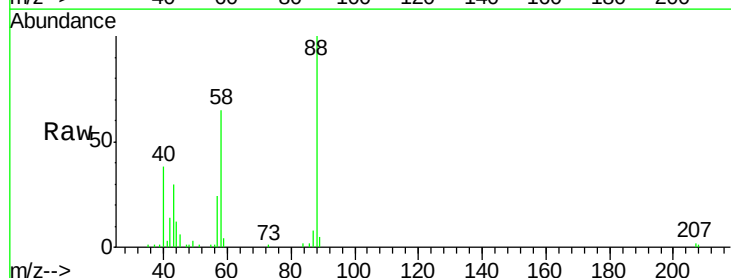
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



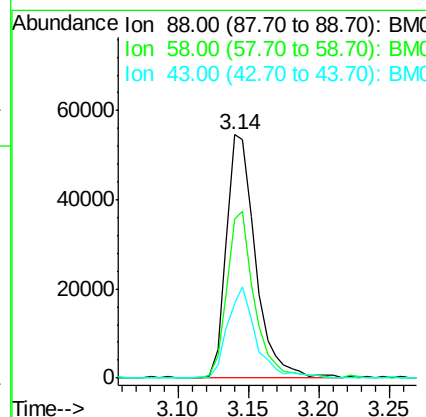
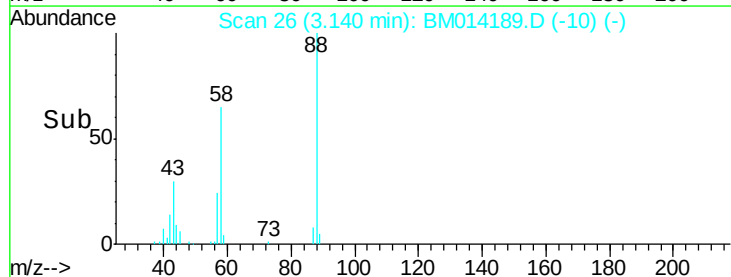
#2

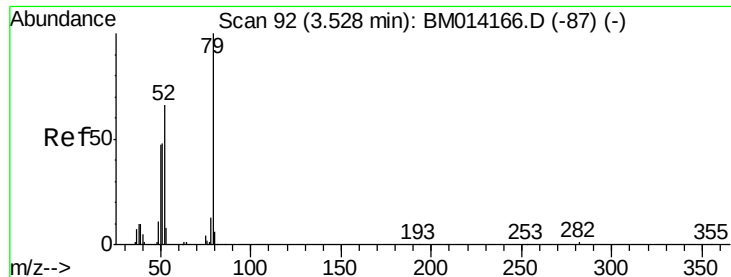
1,4-Dioxane
Concen: 36.812 ng
RT: 3.14 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion: 88 Resp: 78604
Ion Ratio Lower Upper
88 100
58 64.2 0.0 0.0#
43 36.5 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 37.756 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

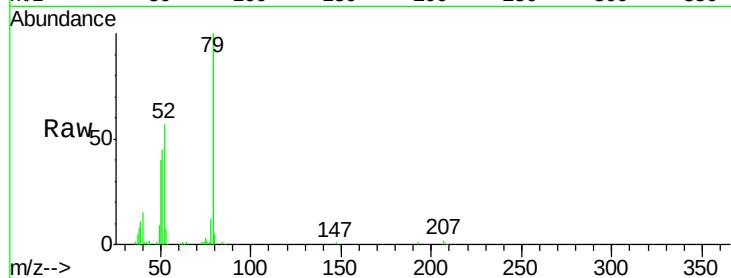
Tot Ion: 79 Resp: 223247

Ion Ratio Lower Upper

79 100

52 57.0 51.1 76.7

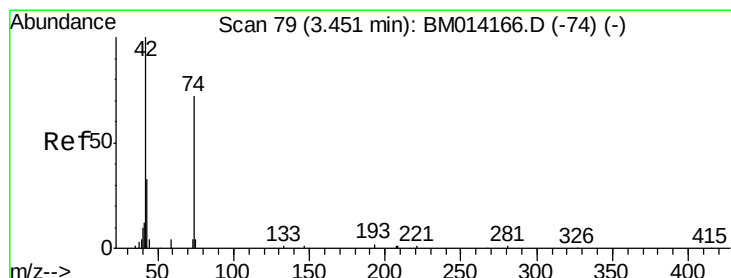
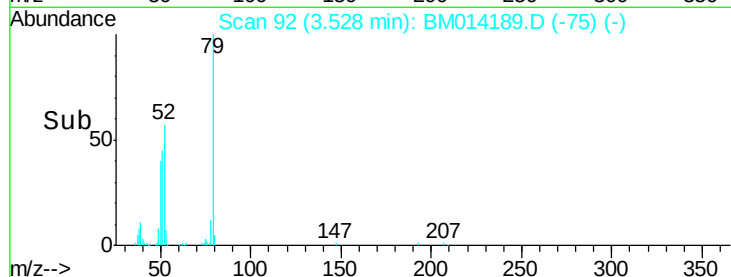
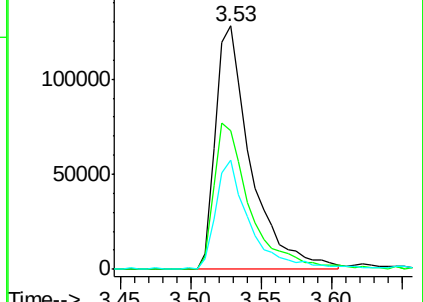
51 45.1 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-87) (-)

Ion 52.00 (51.70 to 52.70): BM014166.D (-87) (-)

Ion 51.00 (50.70 to 51.70): BM014166.D (-87) (-)



#4

n-Nitrosodimethylamine

Concen: 37.436 ng

RT: 3.45 min Scan# 78

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

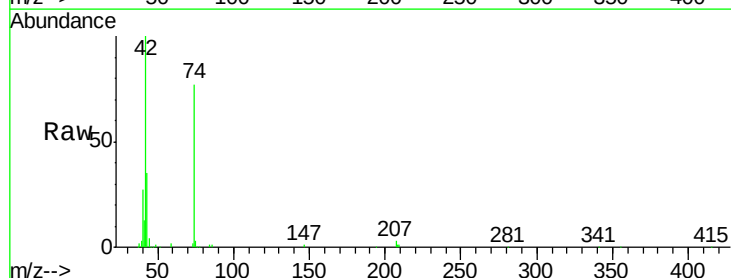
Tgt Ion: 42 Resp: 141009

Ion Ratio Lower Upper

42 100

74 77.0 119.3 178.9#

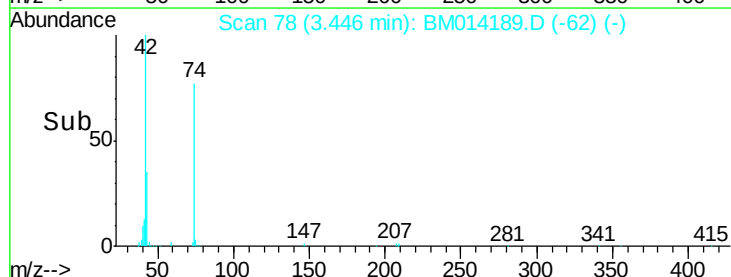
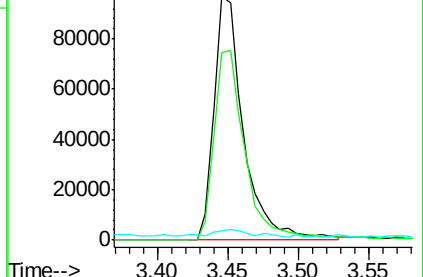
44 4.0 5.4 8.2#

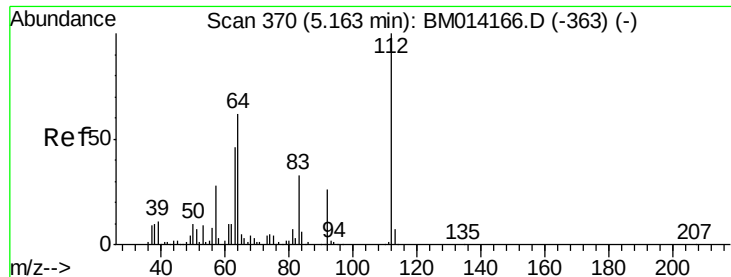


Abundance Ion 42.00 (41.70 to 42.70): BM014166.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BM014166.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM014166.D (-74) (-)





#5

2-Fluorophenol

Concen: 74.054 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

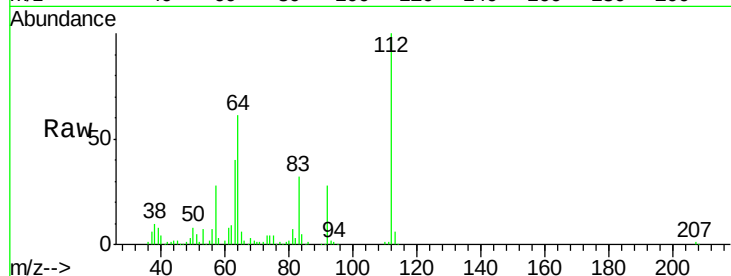
Tot Ion:112 Resp: 384807

Ion Ratio Lower Upper

112 100

64 60.9 38.6 57.8#

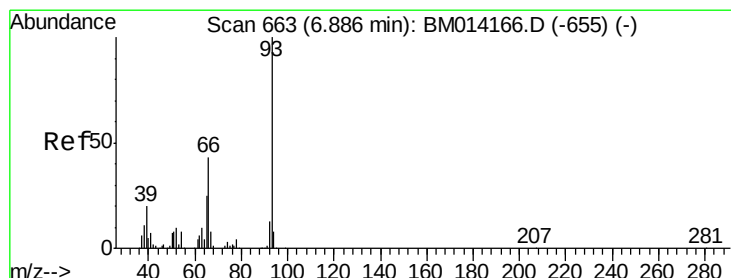
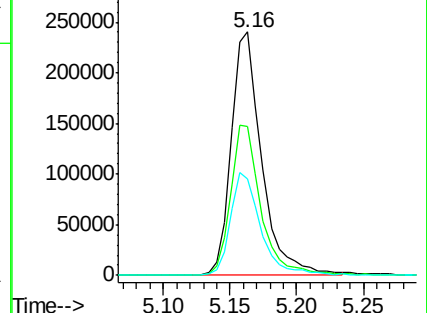
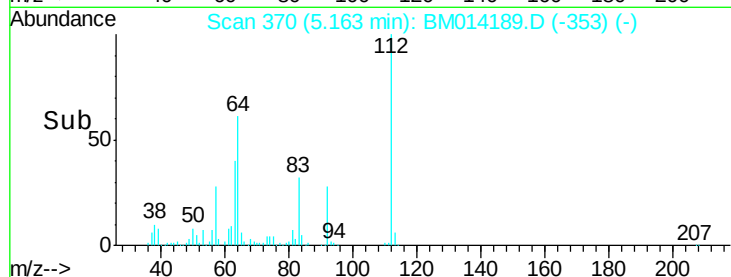
63 39.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 38.063 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

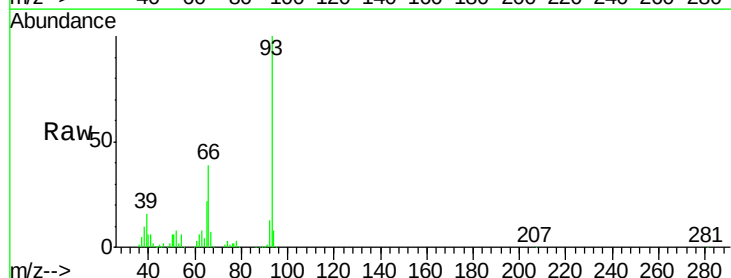
Tgt Ion: 93 Resp: 357114

Ion Ratio Lower Upper

93 100

66 39.5 30.8 46.2

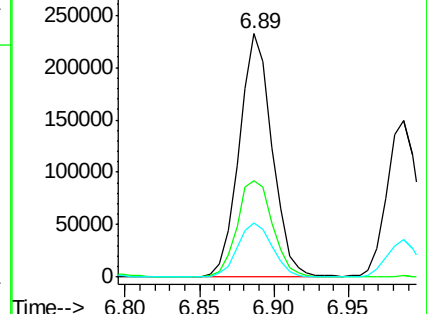
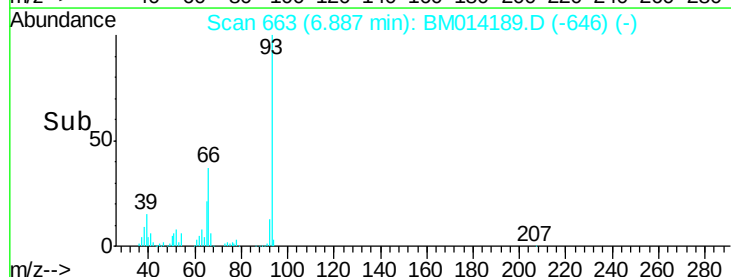
65 22.0 16.0 24.0

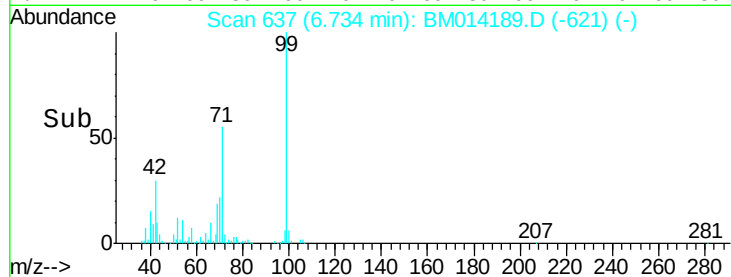
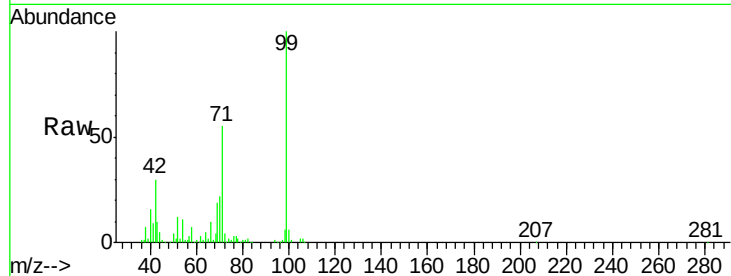
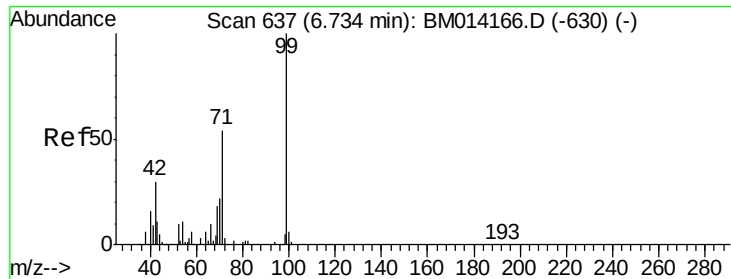


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 75.392 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampled :

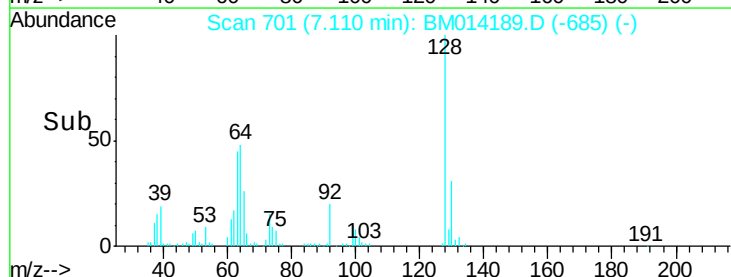
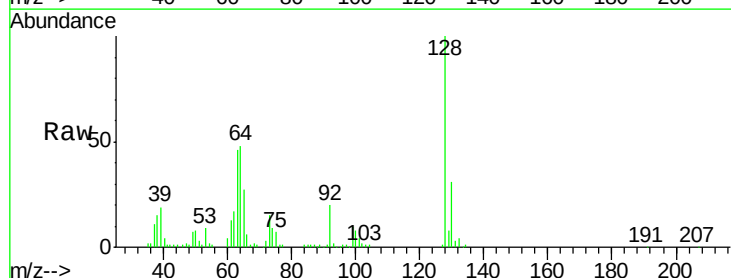
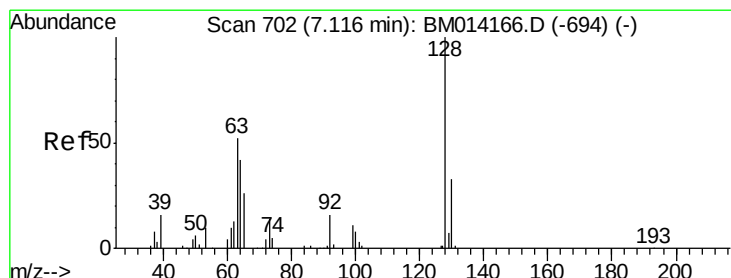
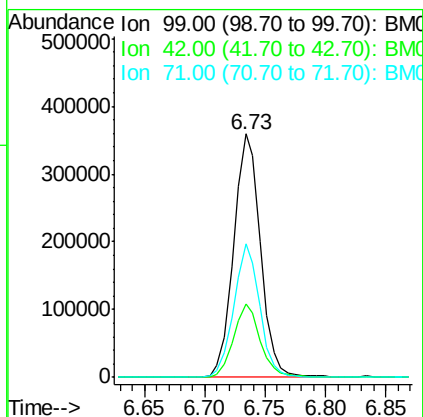
Tot Ion: 99 Resp: 554835

Ion Ratio Lower Upper

99 100

42 30.4 11.0 16.4#

71 54.9 23.4 35.2#



#8

2-Chlorophenol

Concen: 37.733 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

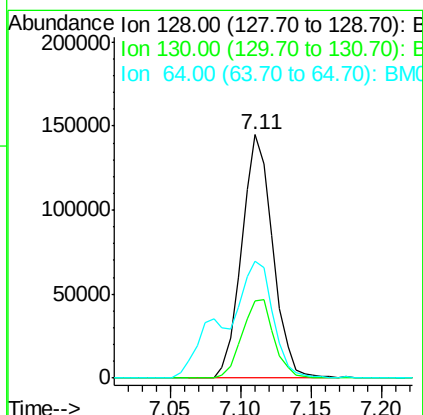
Tgt Ion: 128 Resp: 222852

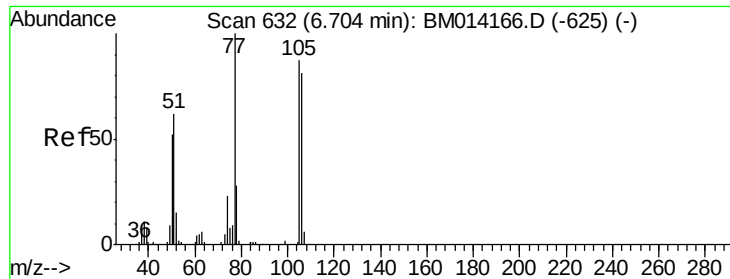
Ion Ratio Lower Upper

128 100

130 31.5 12.0 52.0

64 48.1 24.9 64.9





#9

Benzaldehyde

Concen: 37.855 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

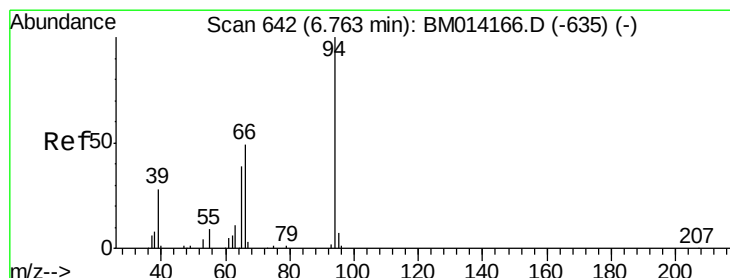
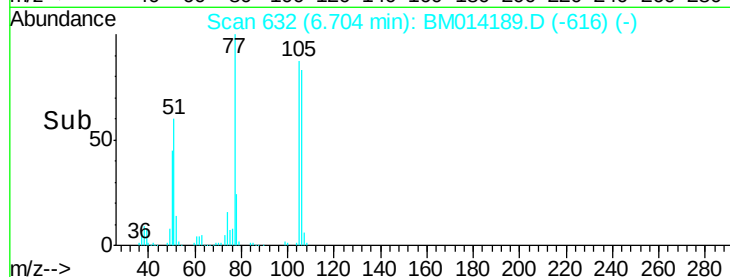
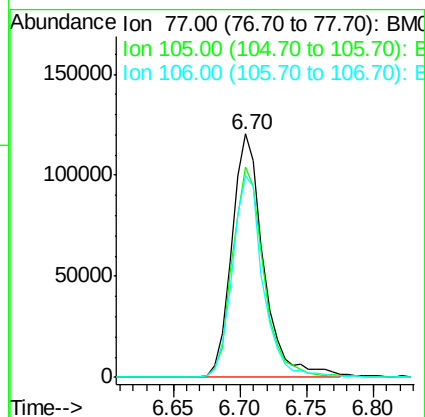
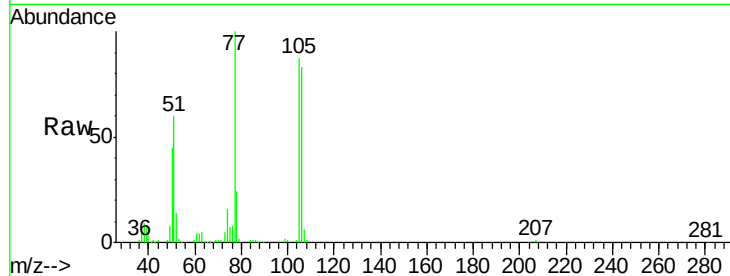
Tot Ion: 77 Resp: 200494

Ion Ratio Lower Upper

77 100

105 86.5 78.8 118.8

106 82.9 73.7 113.7



#10

Phenol

Concen: 38.077 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

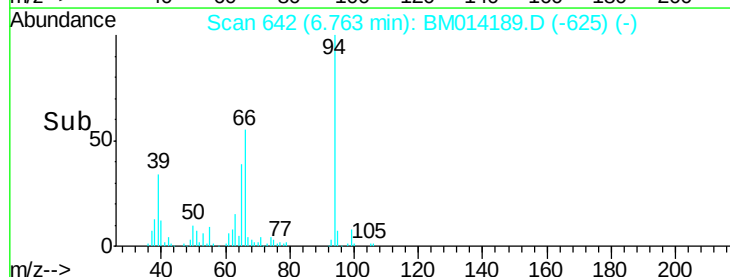
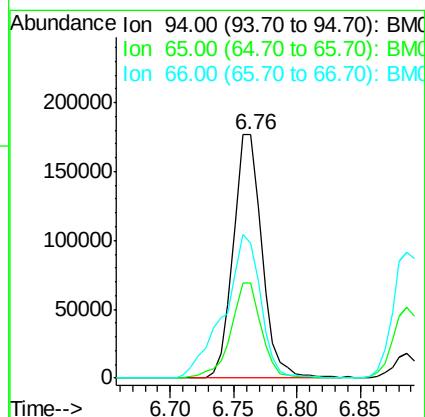
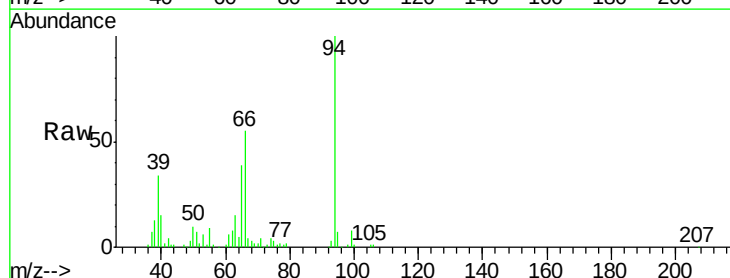
Tgt Ion: 94 Resp: 276637

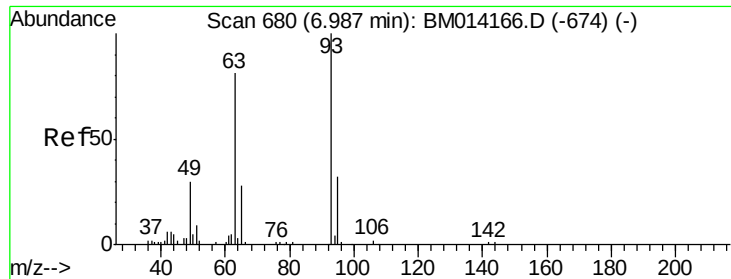
Ion Ratio Lower Upper

94 100

65 39.3 18.8 58.8

66 55.4 39.9 79.9

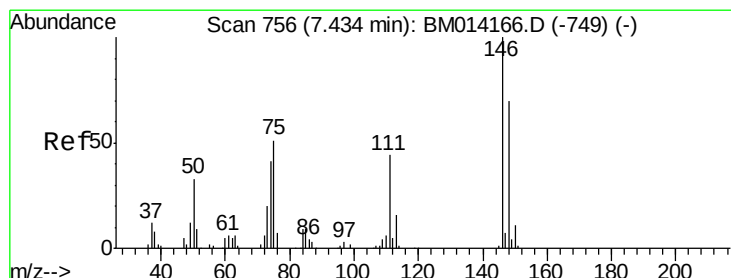
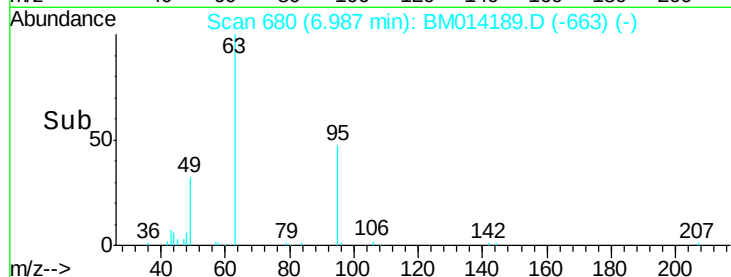
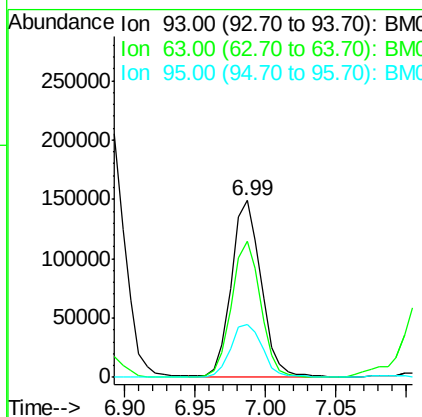
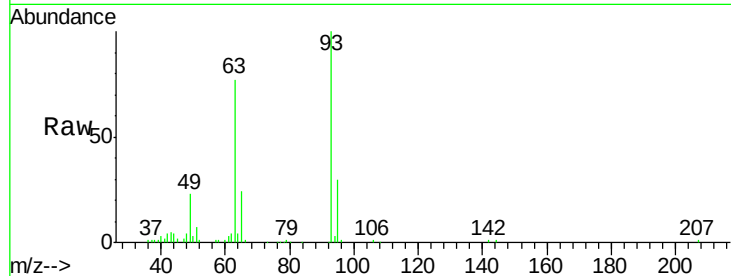




#11
bis(2-Chloroethyl)ether
Concen: 37.923 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

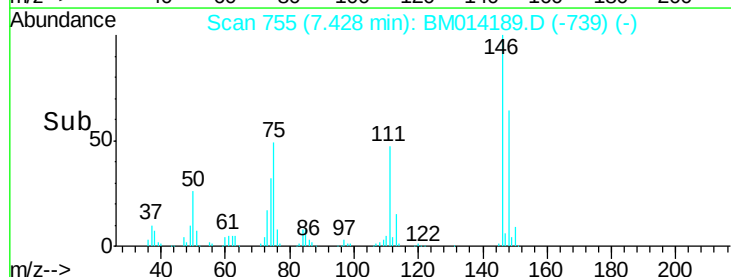
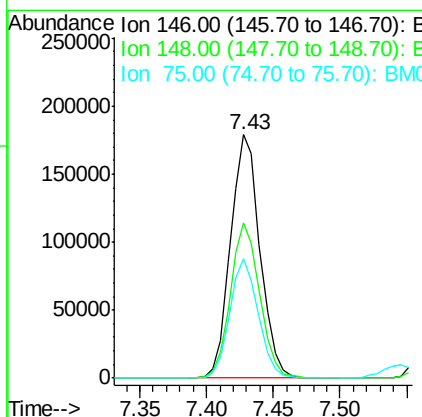
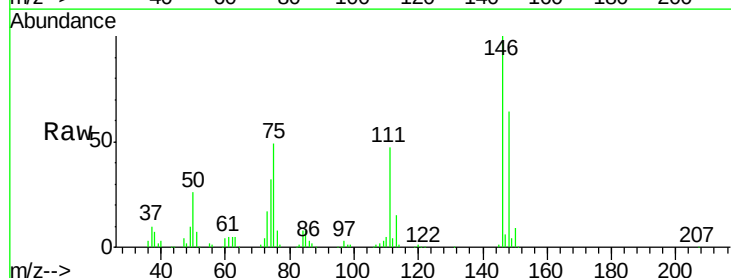
Instrument :
BNA_M
ClientSampled :

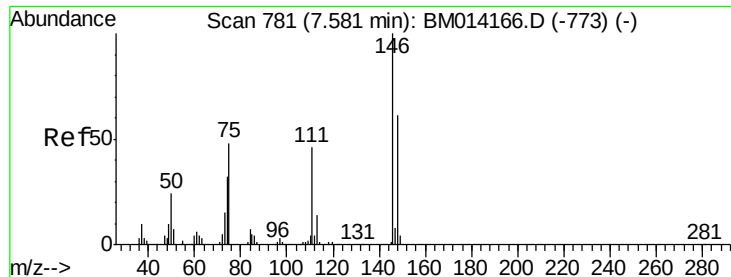
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.0	49.5	89.5
95	30.0	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 37.268 ng
RT: 7.43 min Scan# 756
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	49.2	21.4	32.2

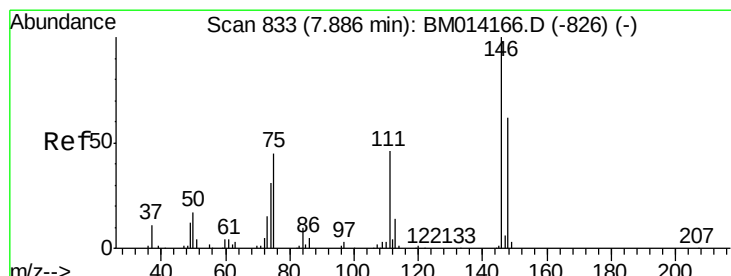
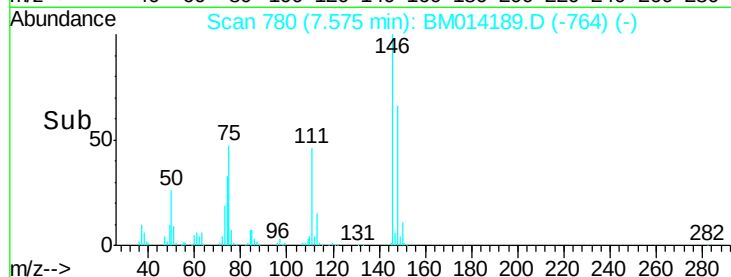
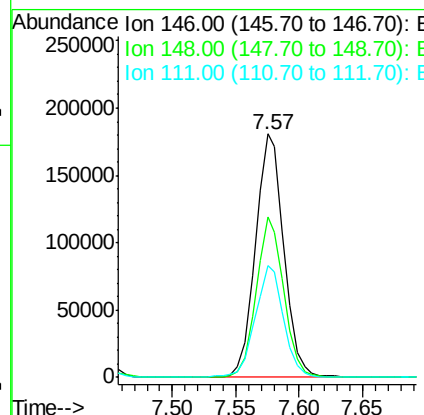
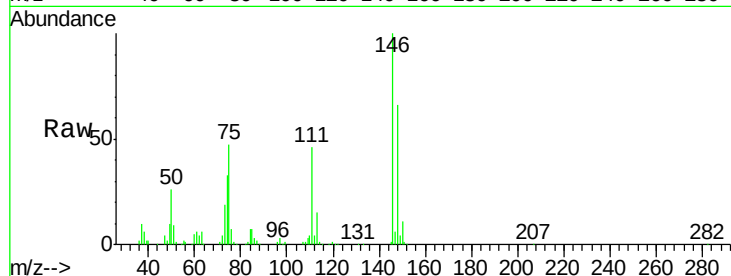




#13
 1,4-Dichlorobenzene
 Concen: 38.043 ng
 RT: 7.57 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

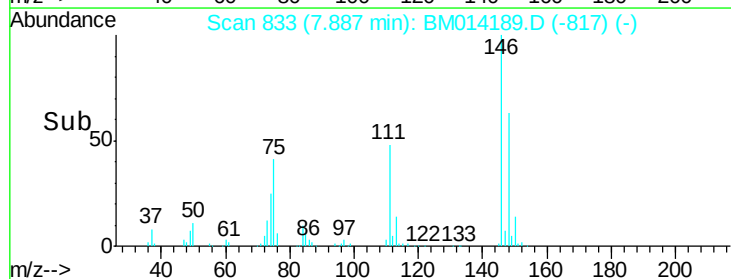
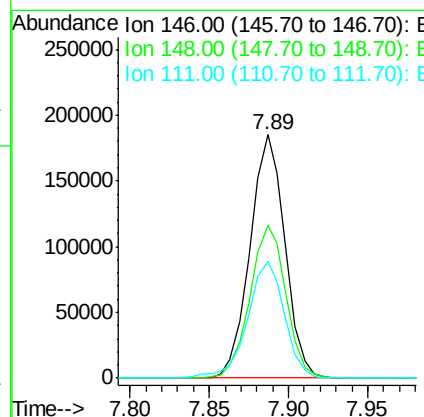
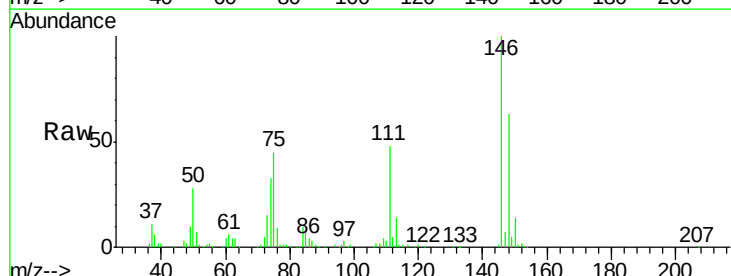
Instrument :
 BNA_M
 ClientSampled :

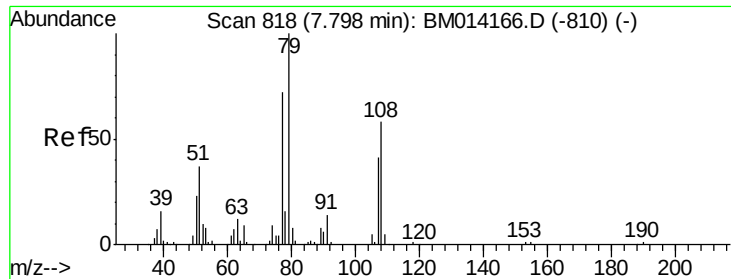
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	45.9	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 37.889 ng
 RT: 7.89 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.3	78.5
111	48.1	30.6	45.8





#15

Benzyl Alcohol

Concen: 39.102 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampled :

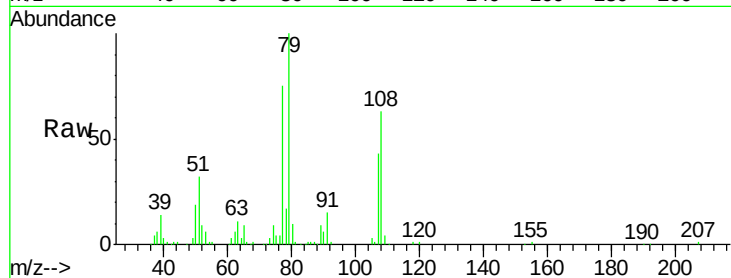
Tot Ion: 79 Resp: 266643

Ion Ratio Lower Upper

79 100

108 62.6 65.0 97.4#

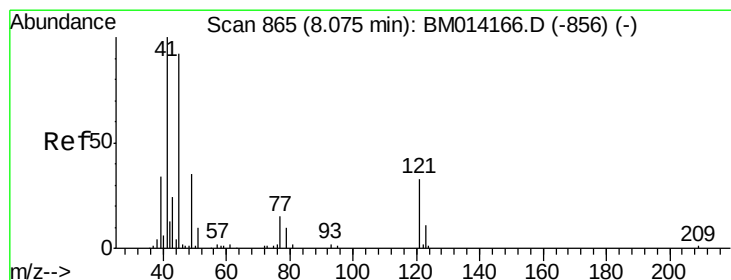
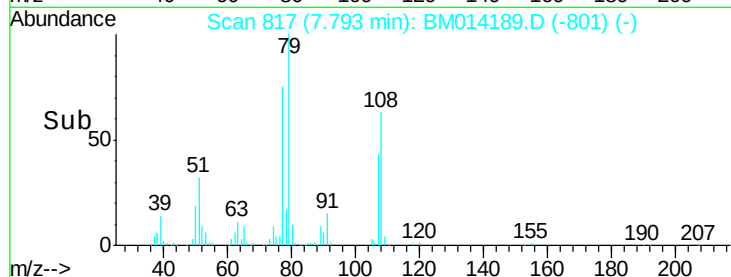
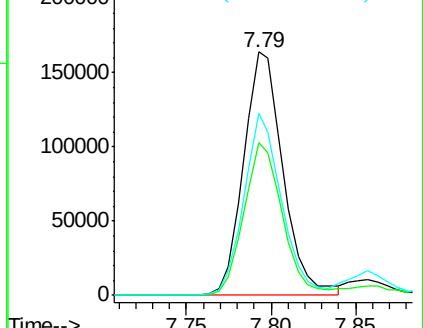
77 75.0 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM014166.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM014166.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM014166.D (-810) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.612 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

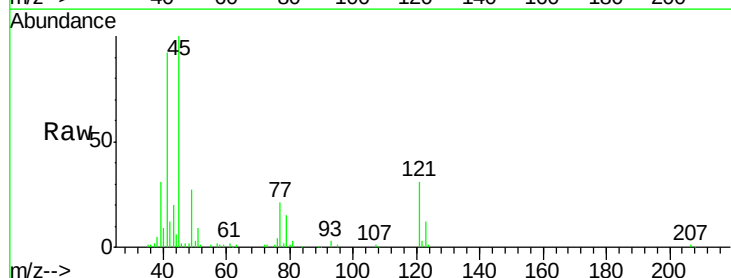
Tgt Ion: 45 Resp: 219710

Ion Ratio Lower Upper

45 100

77 20.8 0.0 35.2

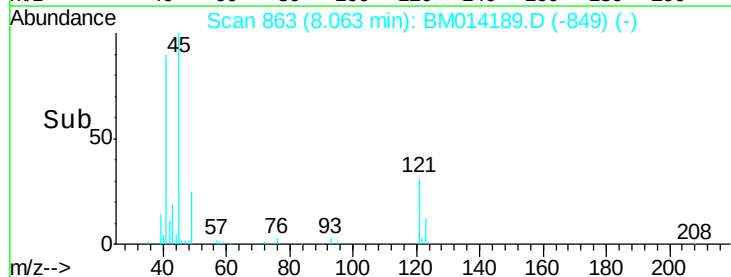
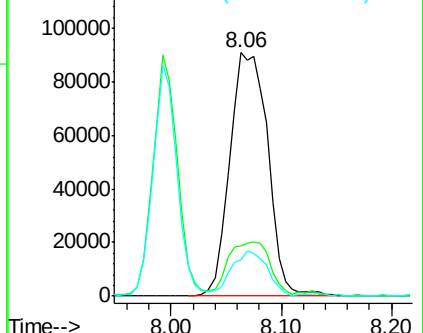
79 14.8 0.0 32.0

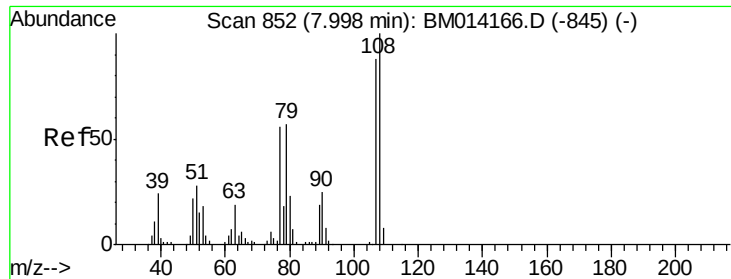


Abundance Ion 45.00 (44.70 to 45.70): BM014166.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM014166.D (-856) (-)

Ion 79.00 (78.70 to 79.70): BM014166.D (-856) (-)

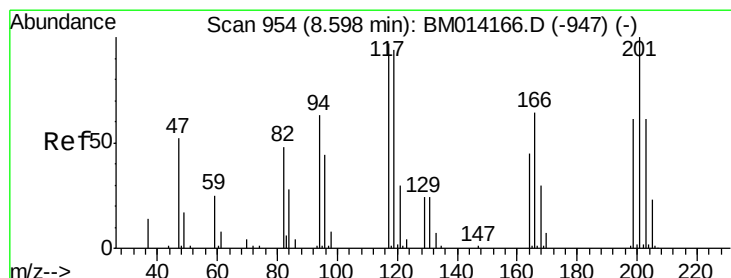
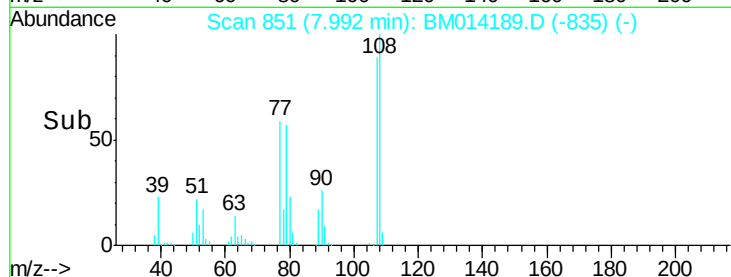
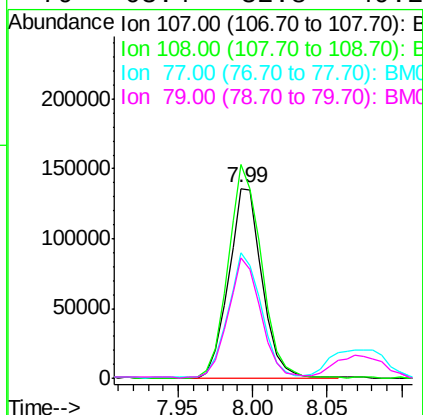
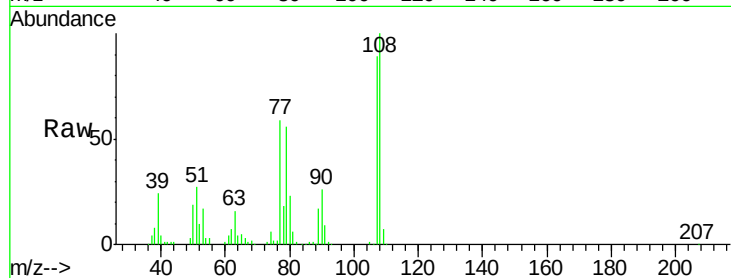




#17
2-Methylphenol
Concen: 38.356 ng
RT: 7.99 min Scan# 851
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

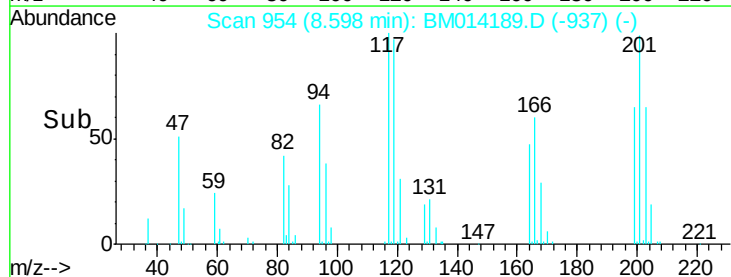
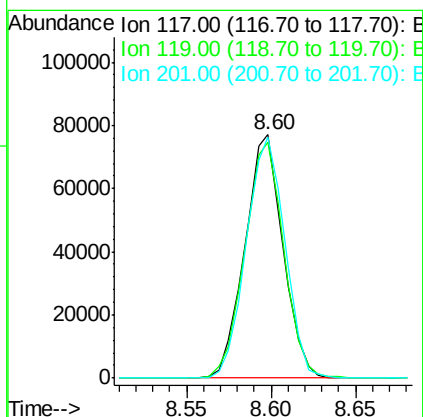
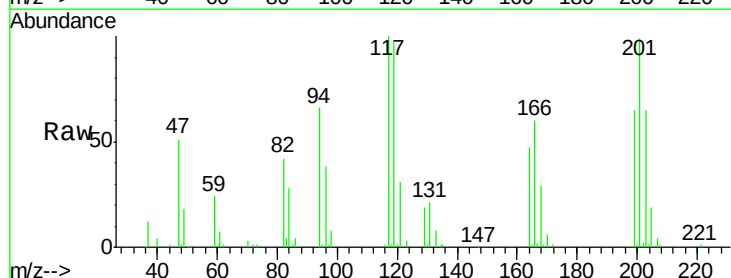
Instrument :
BNA_M
ClientSampled :

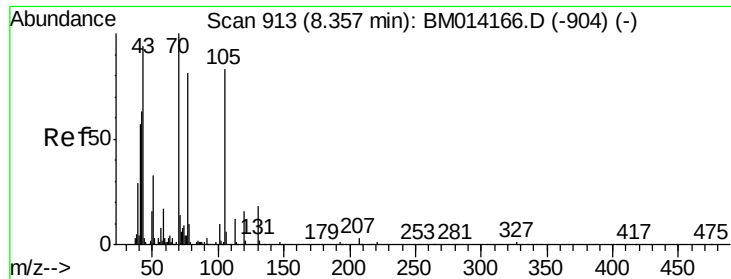
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	89.8	134.8
77	66.0	32.6	48.8
79	63.4	32.8	49.2



#18
Hexachloroethane
Concen: 37.686 ng
RT: 8.60 min Scan# 954
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.2	118.8
201	98.9	69.8	104.6

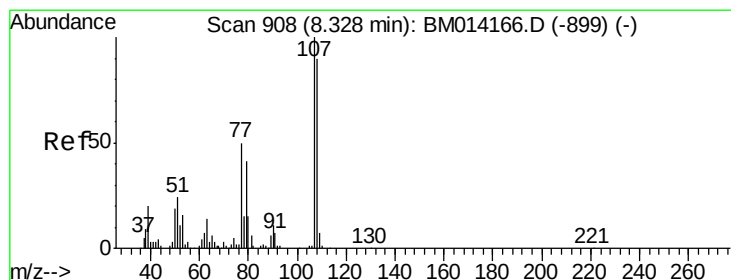
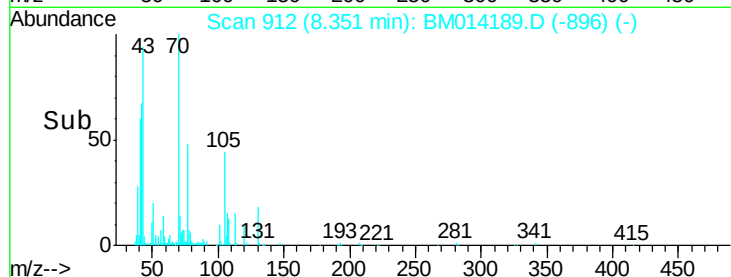
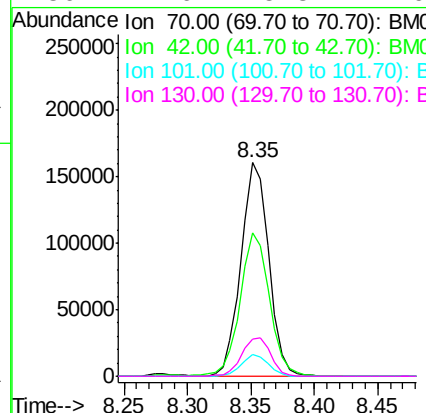
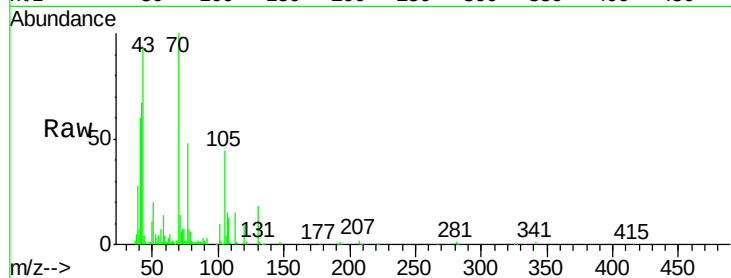




#19
n-Nitroso-di-n-propylamine
Concen: 38.619 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

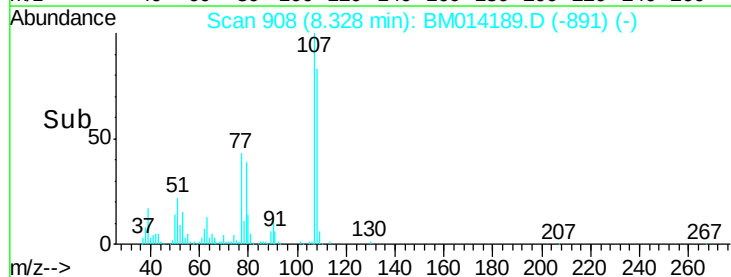
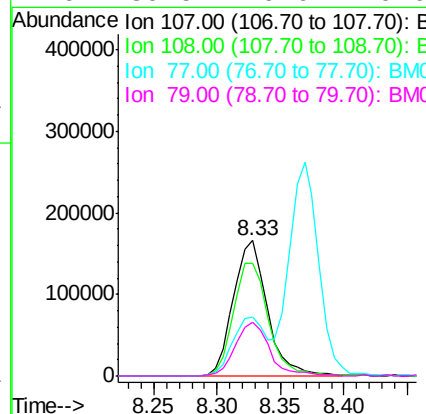
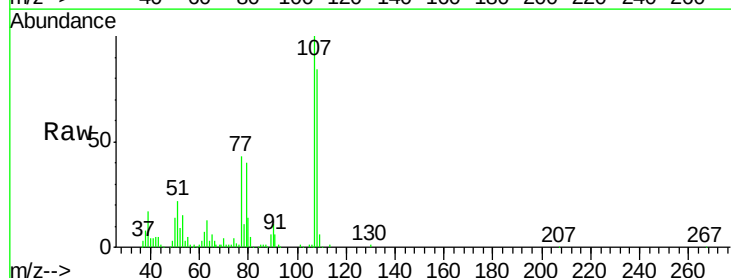
Instrument :
BNA_M
ClientSampled :

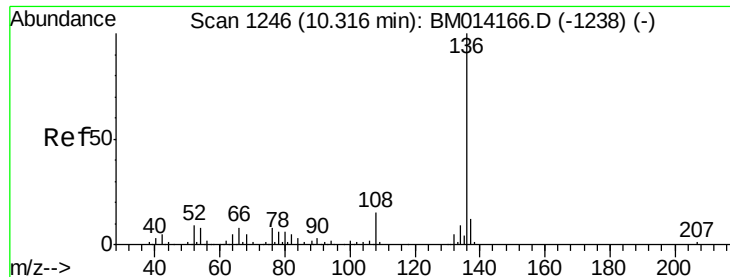
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.3	44.5	66.7	
101	10.4	7.4	11.2	
130	17.6	15.3	22.9	



#20
3+4-Methylphenols
Concen: 38.297 ng
RT: 8.33 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.6	73.2	113.2	
77	43.4	10.7	50.7	
79	39.5	9.6	49.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 441024

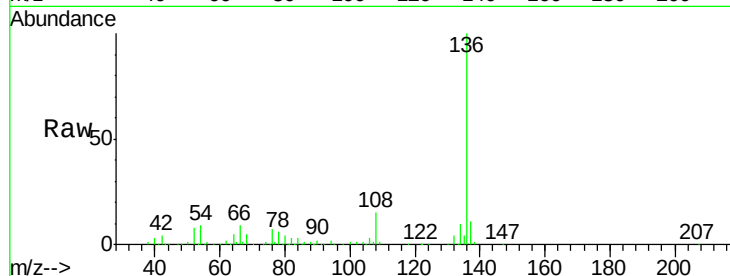
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.7 4.6 6.8#

68 4.8 3.7 5.5

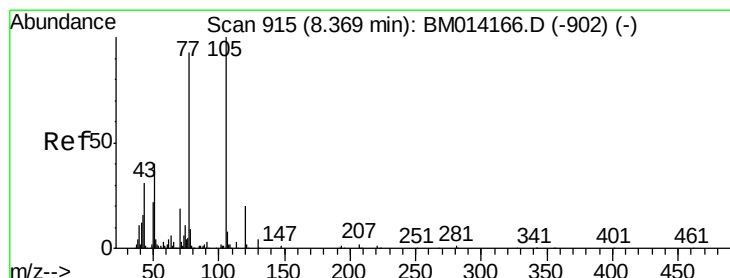
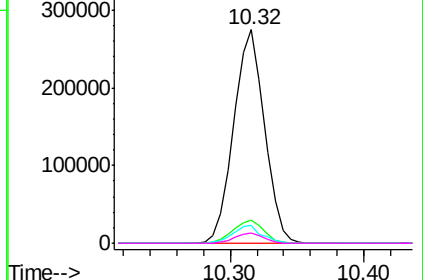
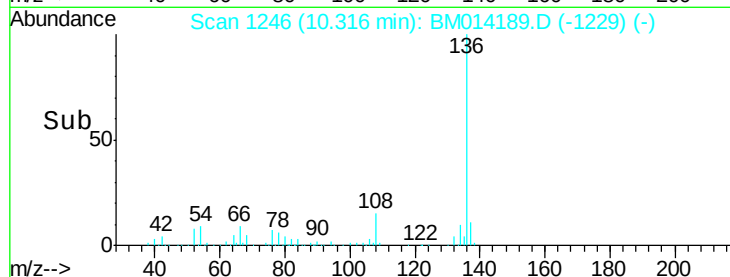


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 37.404 ng

RT: 8.37 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Tgt Ion:105 Resp: 474320

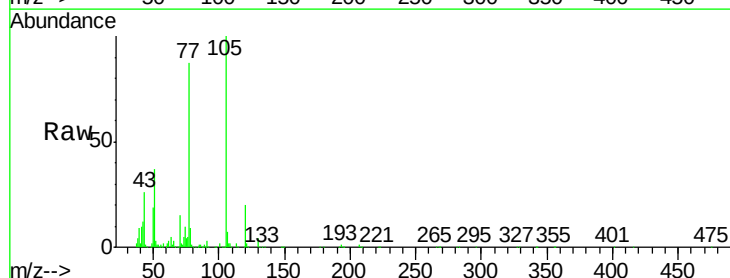
Ion Ratio Lower Upper

105 100

71 2.4 0.6 1.0#

51 36.8 21.6 32.4#

120 20.1 16.1 24.1

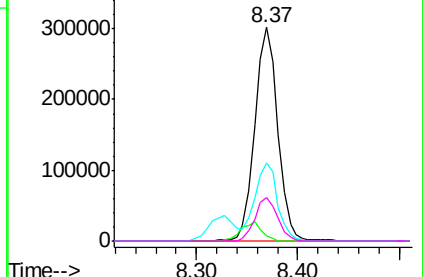
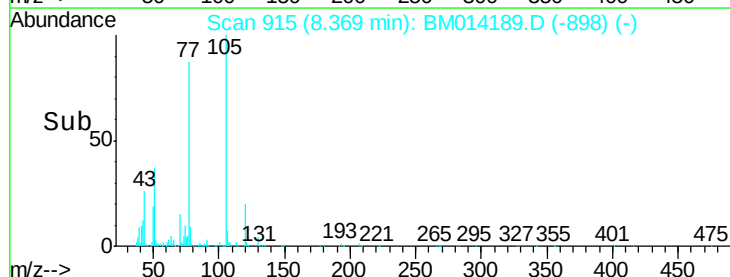


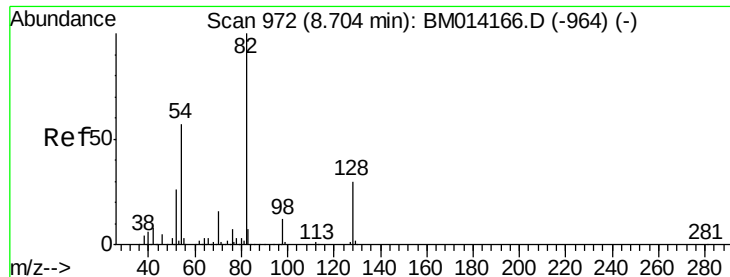
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

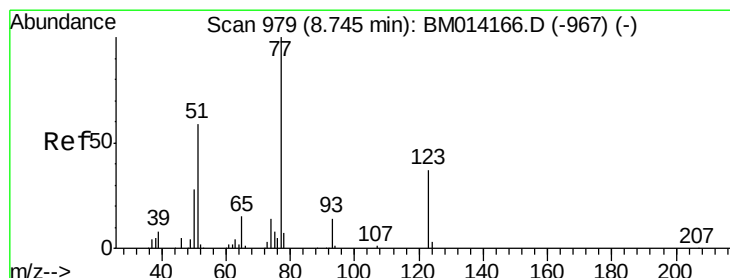
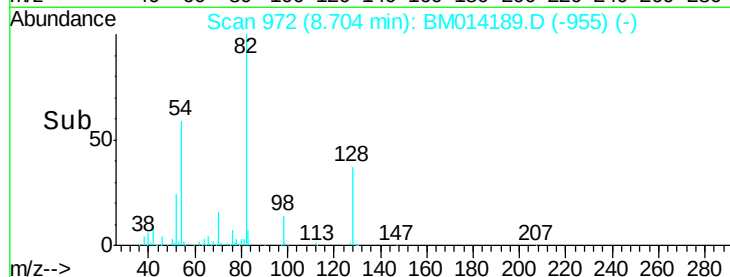
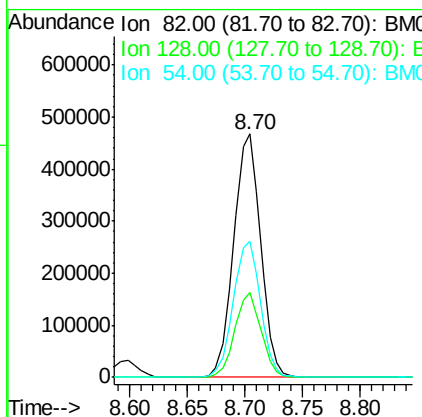
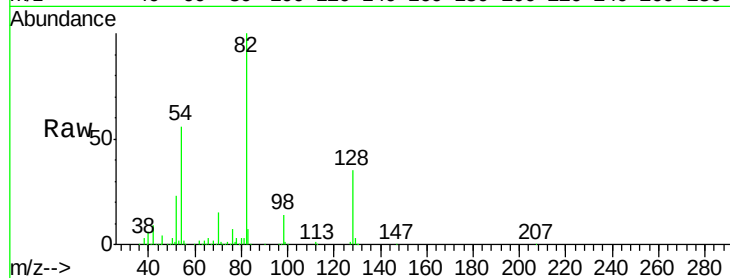




#23
 Nitrobenzene-d5
 Concen: 76.766 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

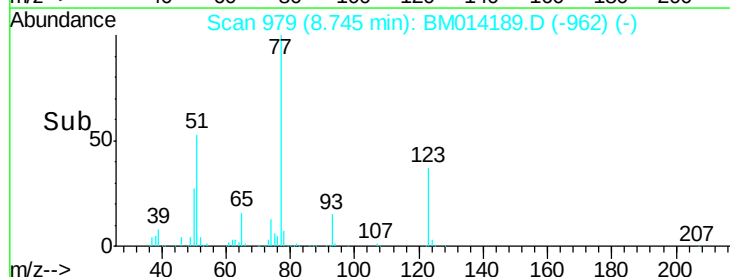
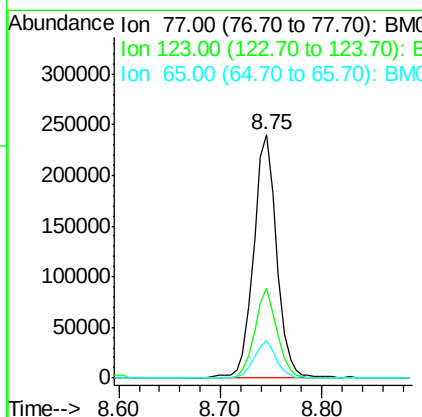
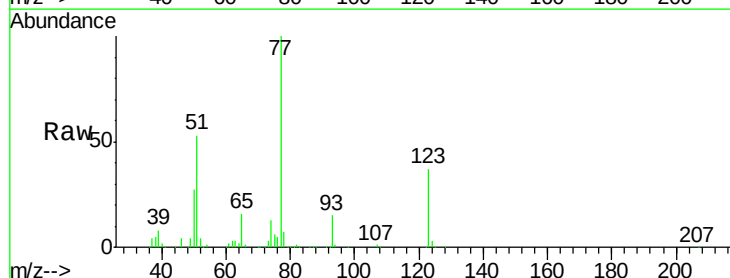
Instrument :
 BNA_M
 ClientSampleId :

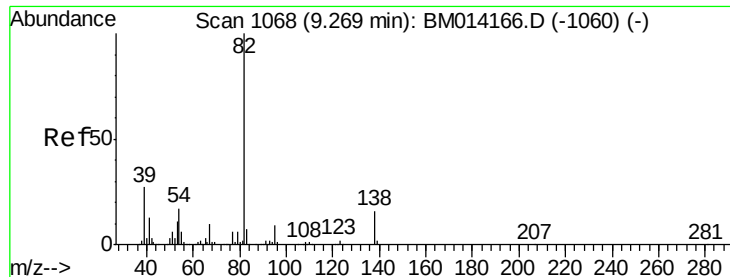
Tot Ion	82	Resp	757946
Ion Ratio	Lower	Upper	
82	100		
128	34.9	32.8	49.2
54	56.1	40.6	60.8



#24
 Nitrobenzene
 Concen: 37.373 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion	77	Resp	379934
Ion Ratio	Lower	Upper	
77	100		
123	37.1	32.6	49.0
65	15.5	10.9	16.3





#25

Isophorone

Concen: 37.453 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampled :

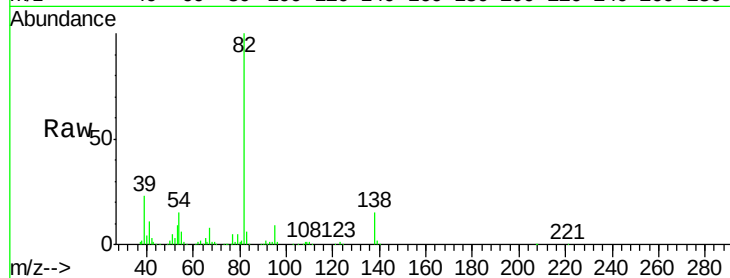
Tot Ion: 82 Resp: 612606

Ion Ratio Lower Upper

82 100

95 9.1 5.8 8.6#

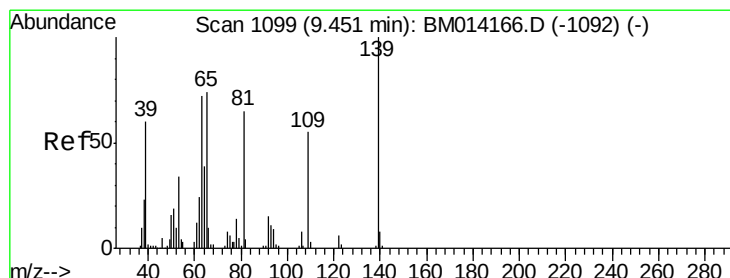
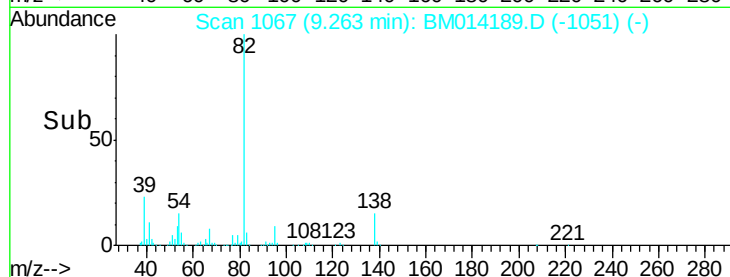
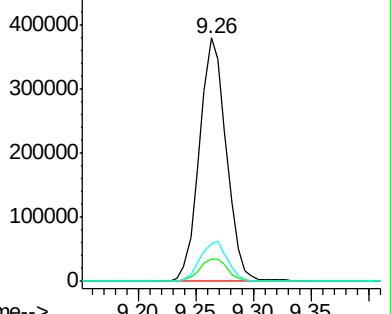
138 15.4 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM014166.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM014189.D (-1051) (-)

Ion 138.00 (137.70 to 138.70): BM014189.D (-1051) (-)



#26

2-Nitrophenol

Concen: 36.726 ng

RT: 9.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

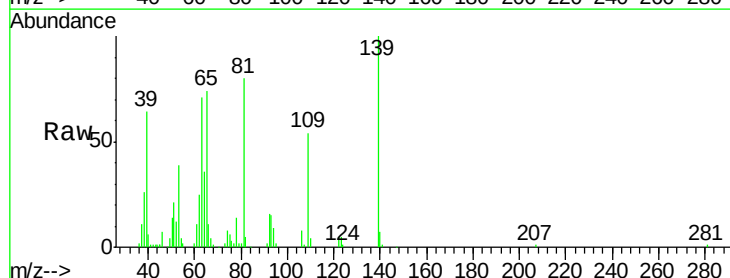
Tgt Ion: 139 Resp: 140840

Ion Ratio Lower Upper

139 100

109 54.1 20.1 30.1#

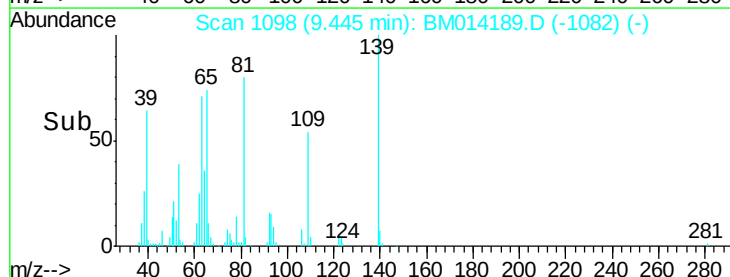
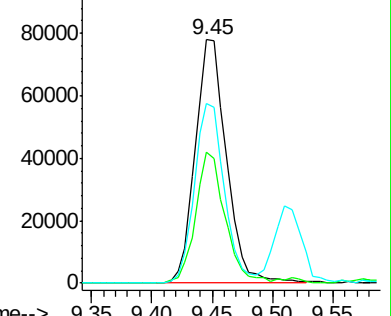
65 73.8 31.5 47.3#

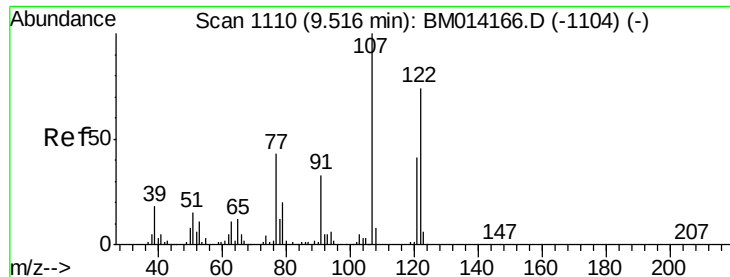


Abundance Ion 139.00 (138.70 to 139.70): BM014166.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM014189.D (-1082) (-)

Ion 65.00 (64.70 to 65.70): BM014189.D (-1082) (-)

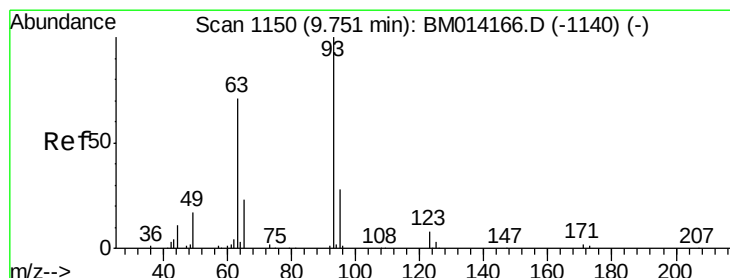
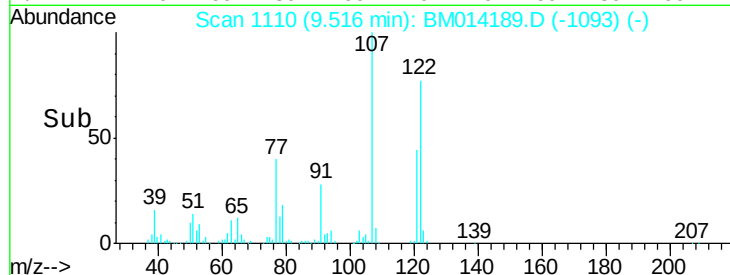
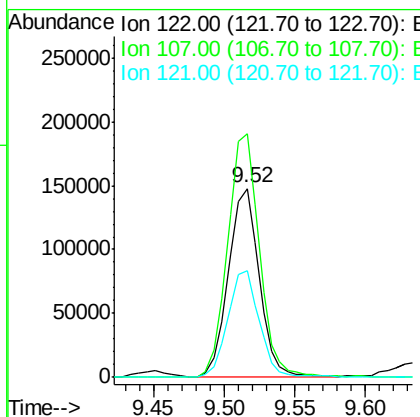
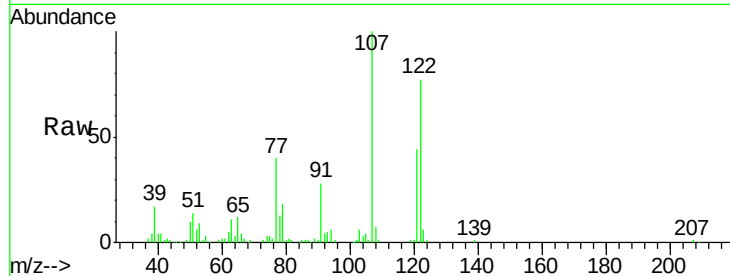




#27
 2,4-Dimethylphenol
 Concen: 38.205 ng
 RT: 9.52 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

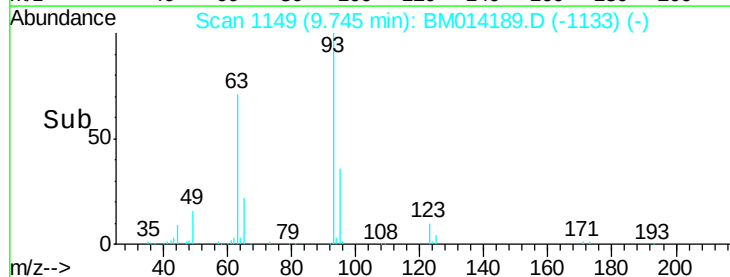
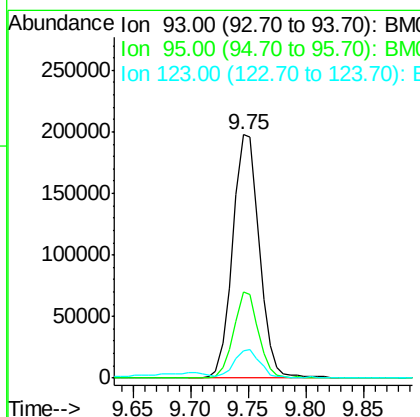
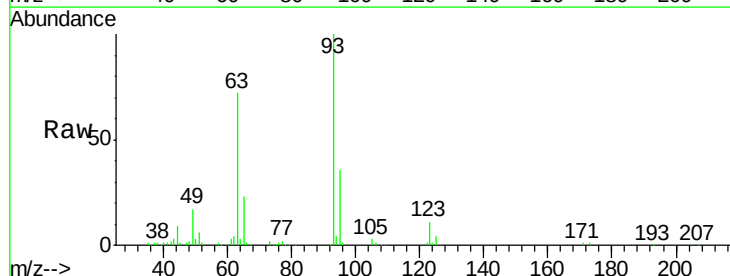
Instrument :
 BNA_M
 ClientSampled :

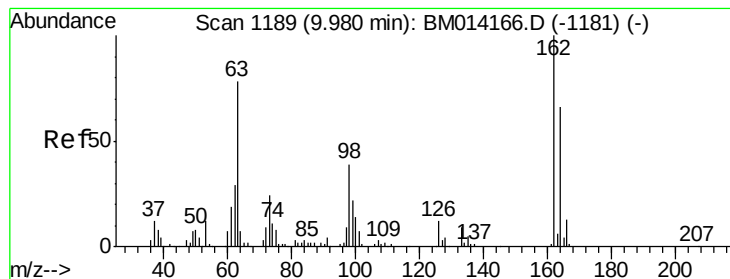
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.1	84.7	127.1#
121	56.8	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.898 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.6	25.5	38.3
123	11.0	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 39.064 ng

RT: 9.98 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

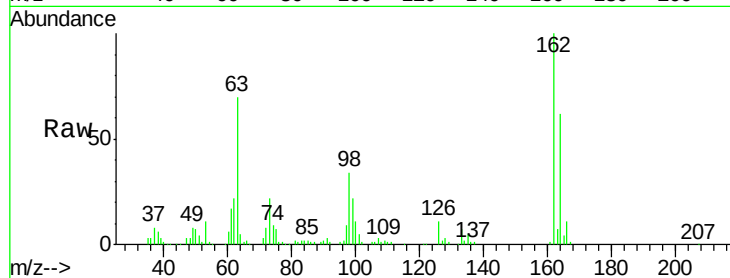
Tot Ion:162 Resp: 255129

Ion Ratio Lower Upper

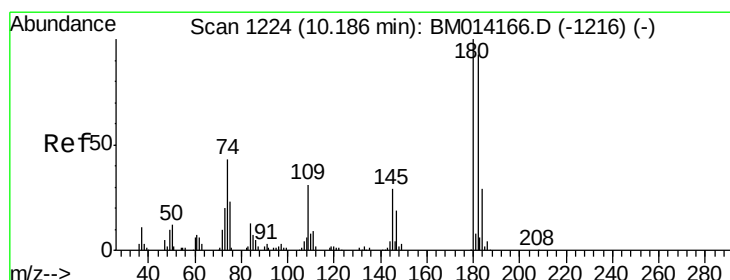
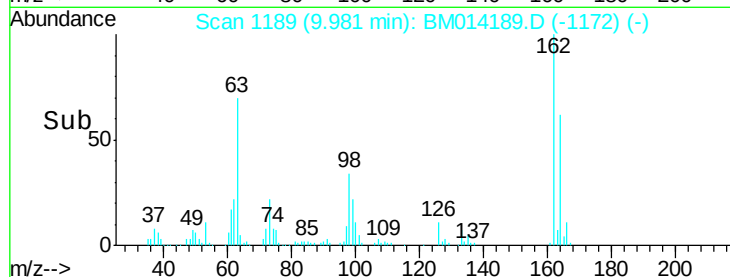
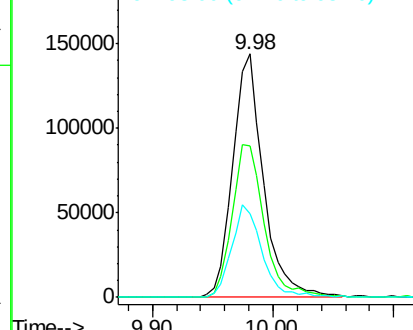
162 100

164 62.1 42.8 82.8

98 34.3 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.821 ng

RT: 10.18 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

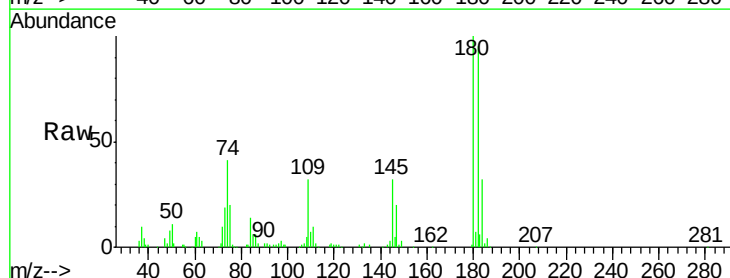
Tgt Ion:180 Resp: 325631

Ion Ratio Lower Upper

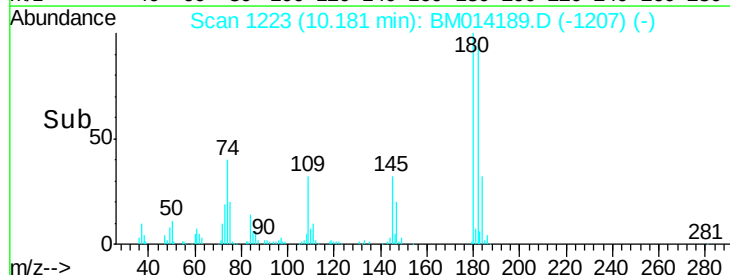
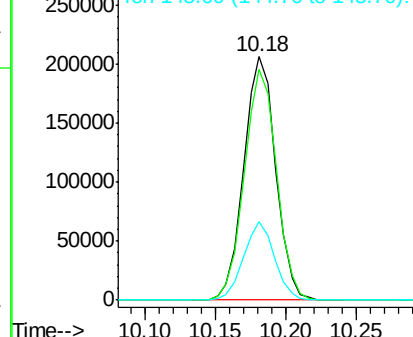
180 100

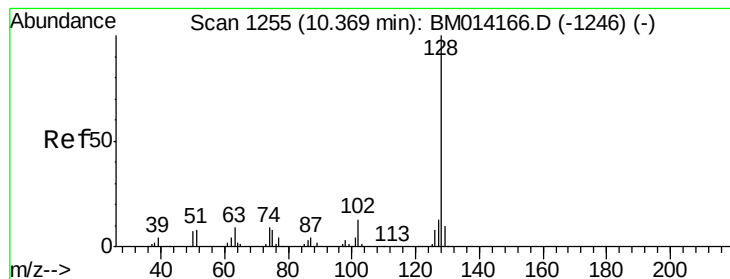
182 94.9 77.6 116.4

145 32.3 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.067 ng

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

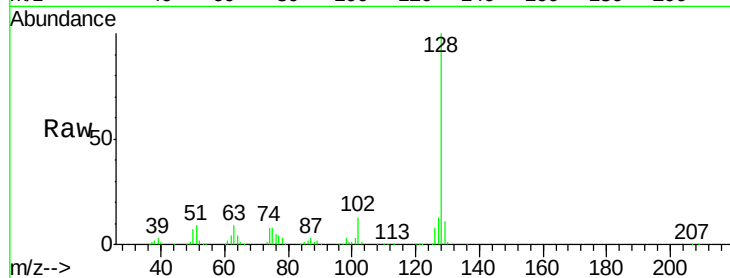
Tot Ion:128 Resp: 919236

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

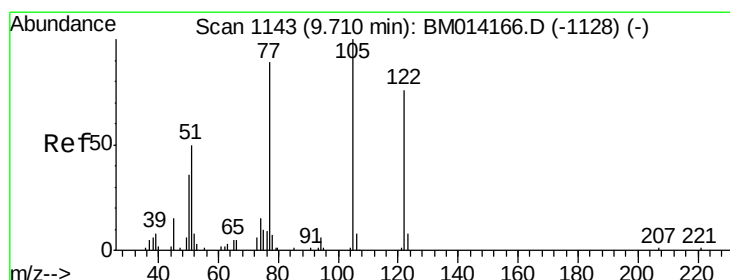
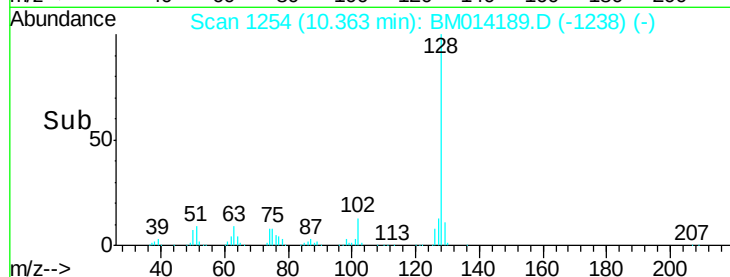
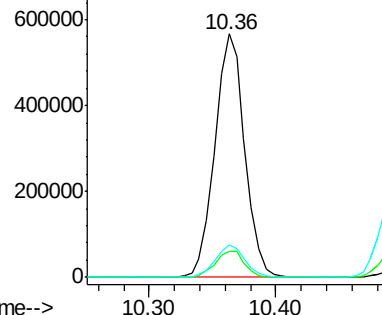
127 13.5 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.679 ng

RT: 9.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

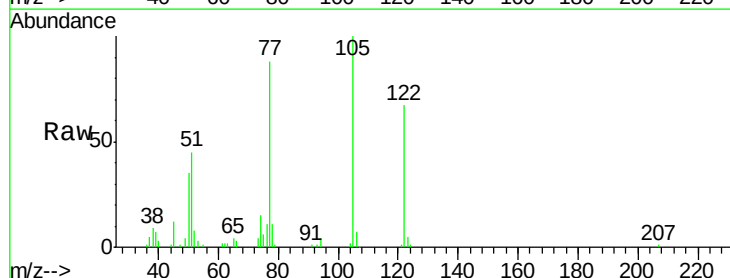
Tgt Ion:122 Resp: 176083

Ion Ratio Lower Upper

122 100

105 148.5 99.9 139.9#

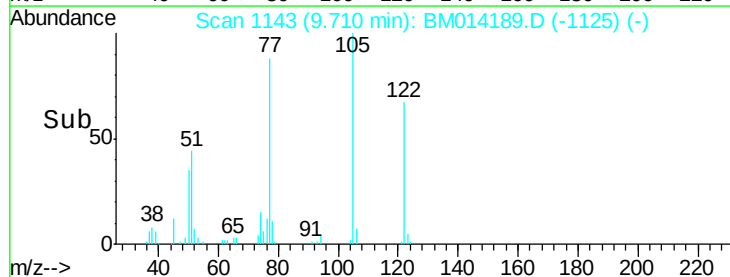
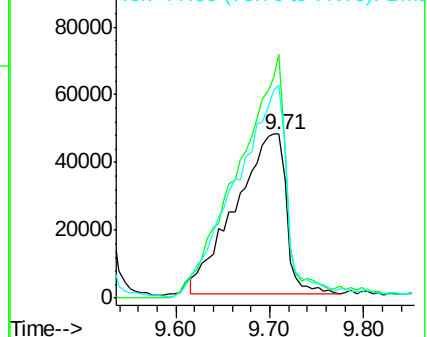
77 130.1 73.7 113.7#

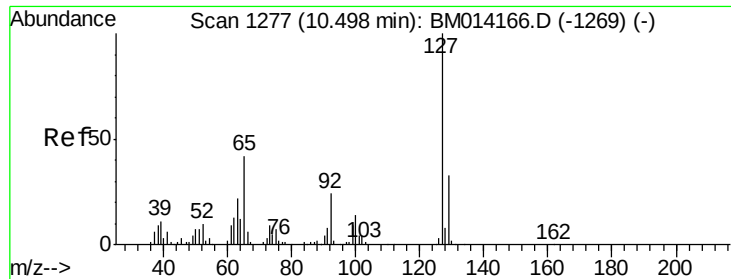


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

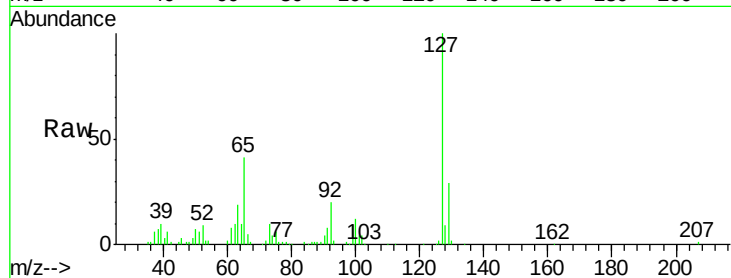




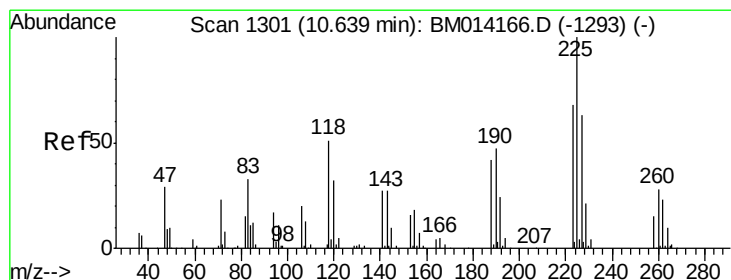
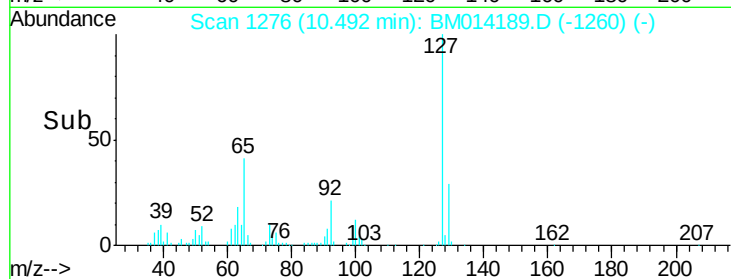
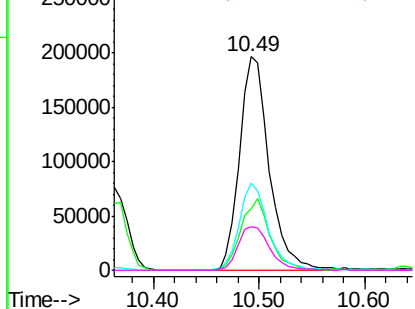
#33
4-Chloroaniline
Concen: 37.996 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	381396
Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.3	37.9
65	40.6	17.6	26.4#
92	20.5	13.1	19.7#

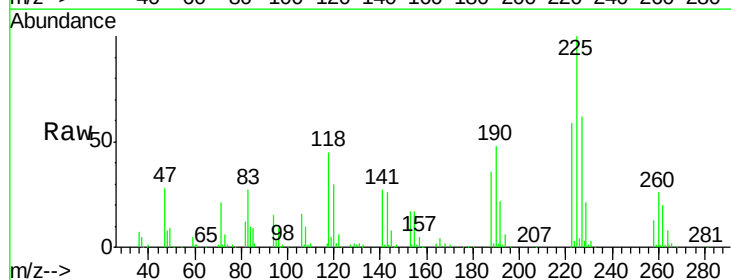


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

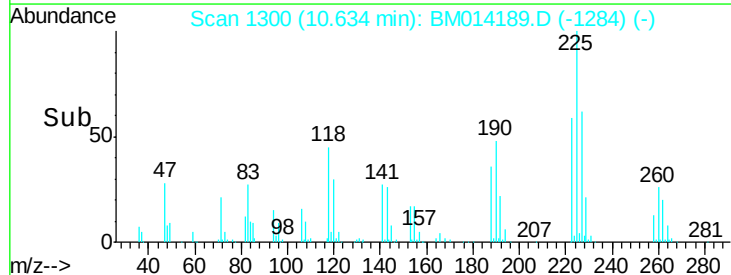
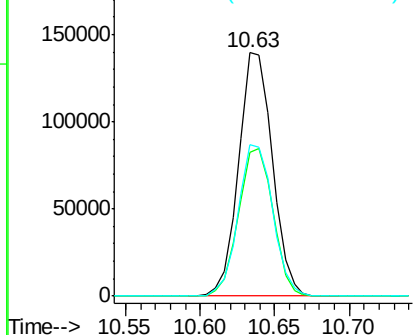


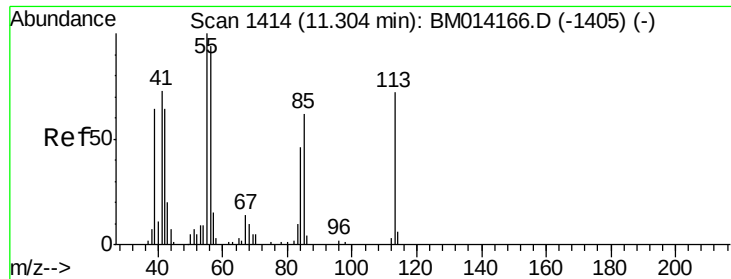
#34
Hexachlorobutadiene
Concen: 37.294 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:	225	Resp:	220259
Ion	Ratio	Lower	Upper
225	100		
223	59.2	47.9	71.9
227	62.4	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

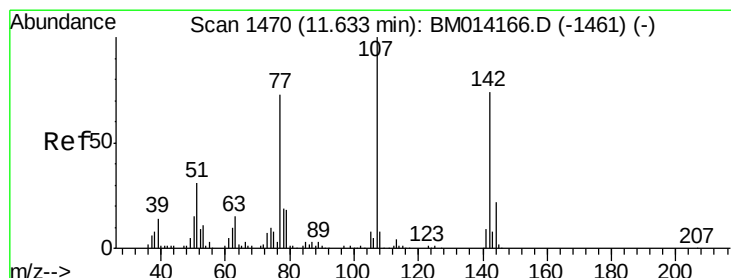
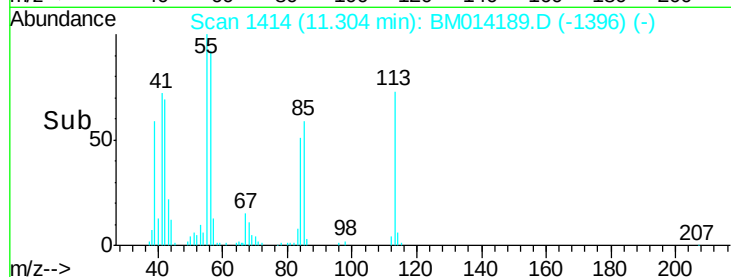
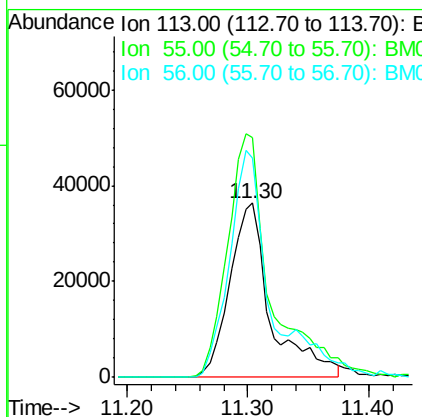
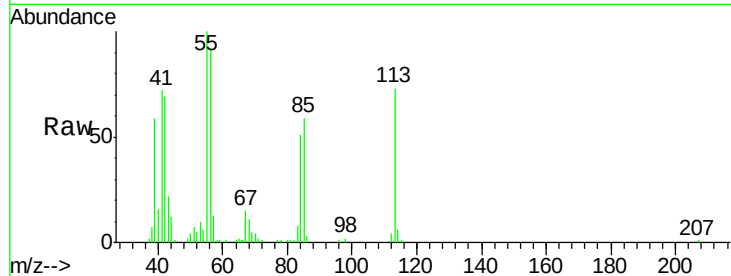




#35
 Caprolactam
 Concen: 36.748 ng
 RT: 11.30 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

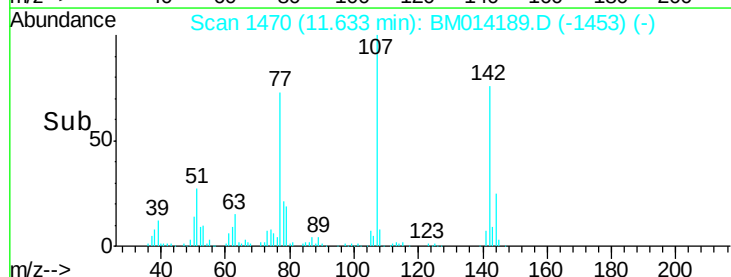
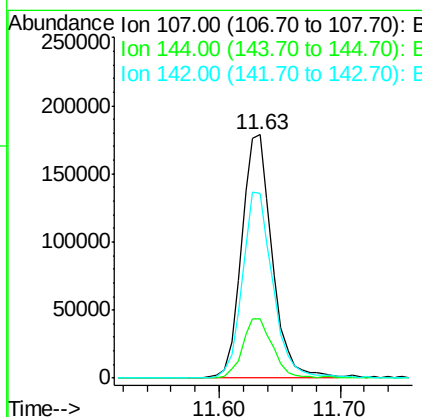
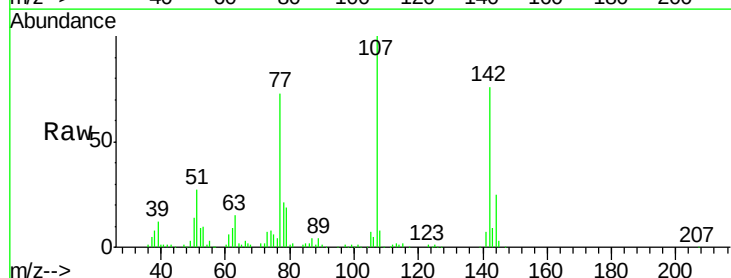
Instrument :
 BNA_M
 ClientSampleId :

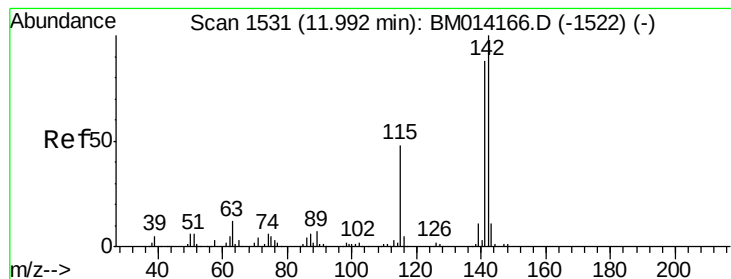
Tot Ion:113 Resp: 85829
 Ion Ratio Lower Upper
 113 100
 55 137.5 145.9 185.9#
 56 126.1 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.949 ng
 RT: 11.63 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion:107 Resp: 315164
 Ion Ratio Lower Upper
 107 100
 144 24.5 23.3 34.9
 142 75.9 72.6 109.0





#37

2-Methylnaphthalene

Concen: 38.944 ng

RT: 11.99 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

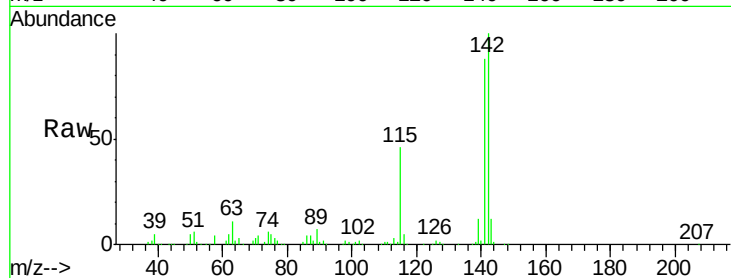
Tot Ion:142 Resp: 708241

Ion Ratio Lower Upper

142 100

141 88.1 71.9 107.9

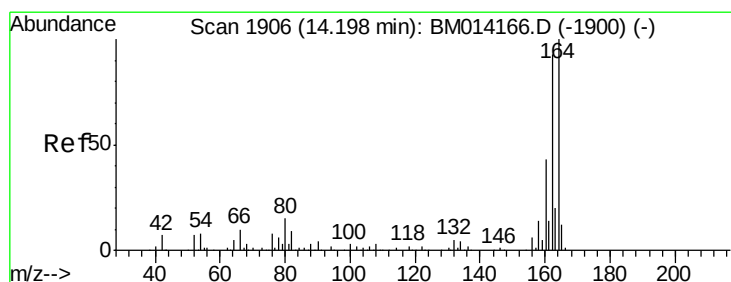
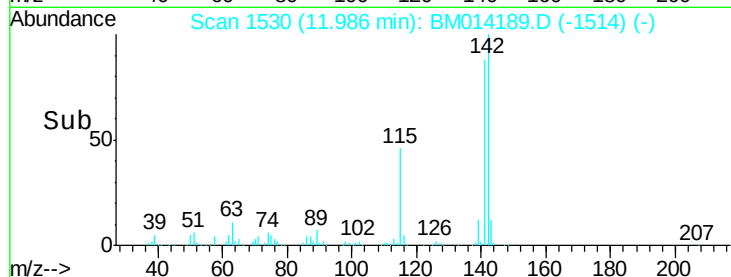
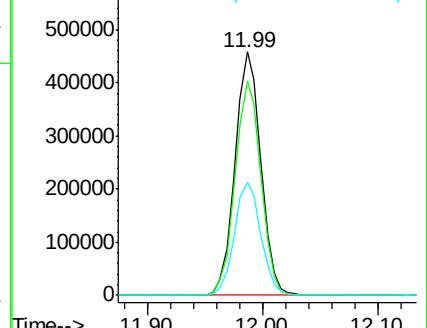
115 46.2 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

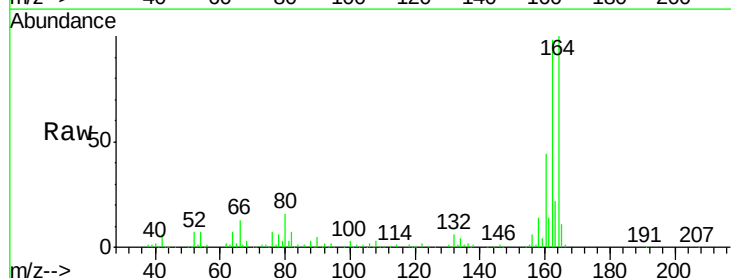
Tgt Ion:164 Resp: 317998

Ion Ratio Lower Upper

164 100

162 97.8 82.4 123.6

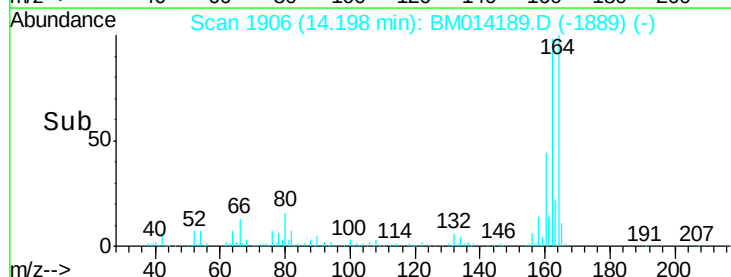
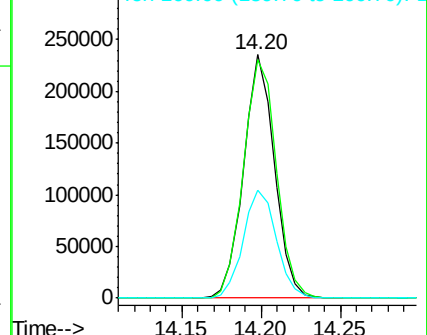
160 44.4 35.8 53.6

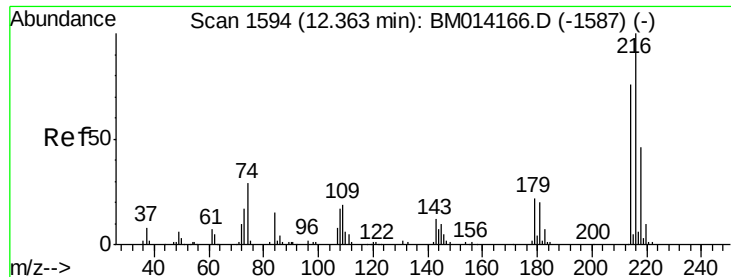


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

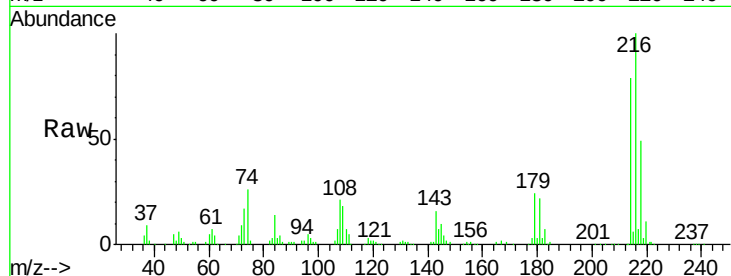




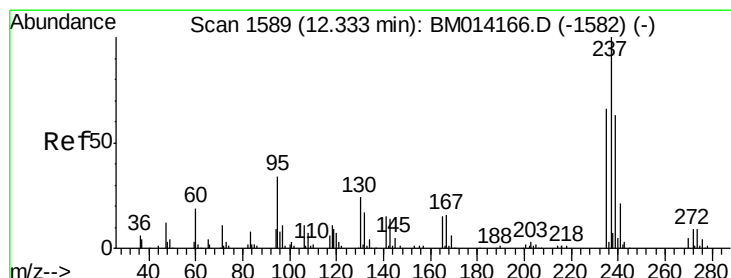
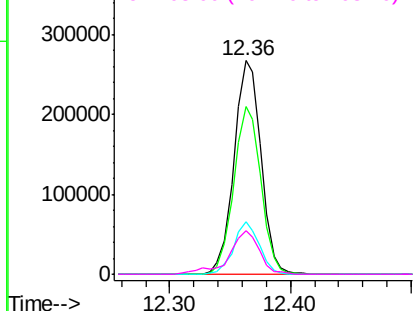
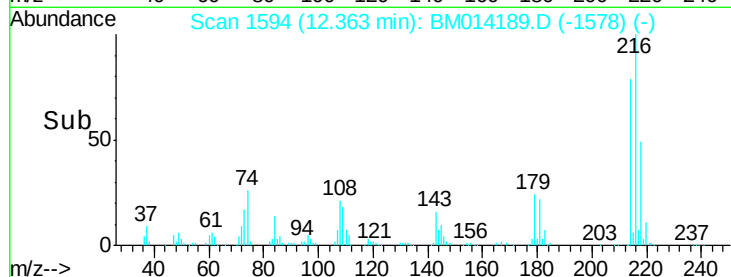
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.346 ng
RT: 12.36 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:216 Resp: 416120
Ion Ratio Lower Upper
216 100
214 79.0 0.0 0.0#
179 23.2 0.0 0.0#
108 22.8 0.0 0.0#

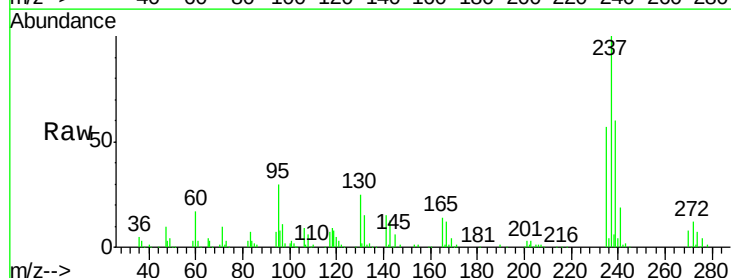


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

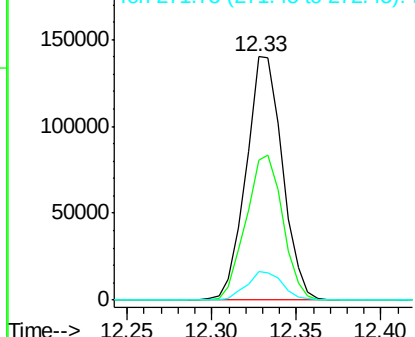
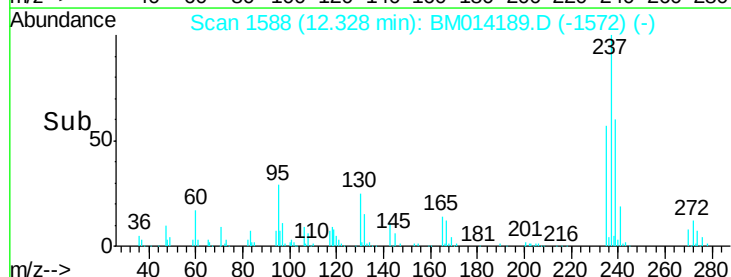


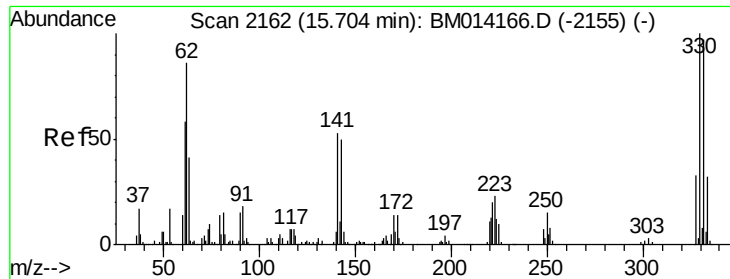
#40
Hexachlorocyclopentadiene
Concen: 35.870 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:237 Resp: 210141
Ion Ratio Lower Upper
237 100
235 57.5 42.0 82.0
272 11.6 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

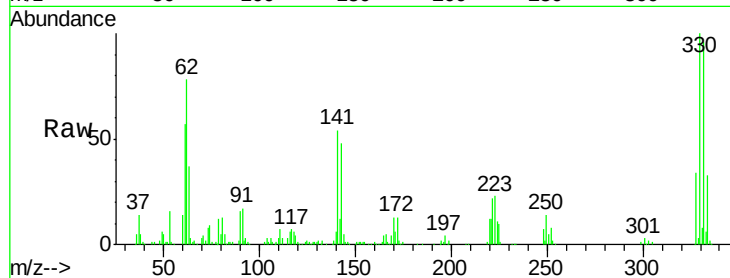




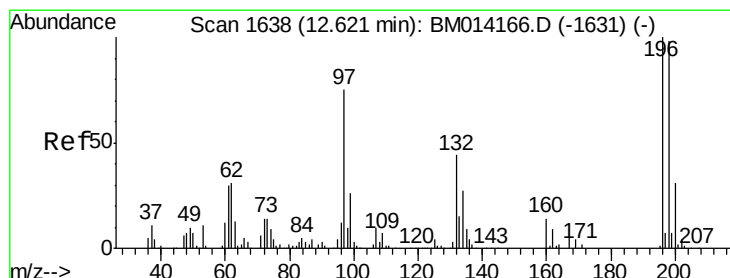
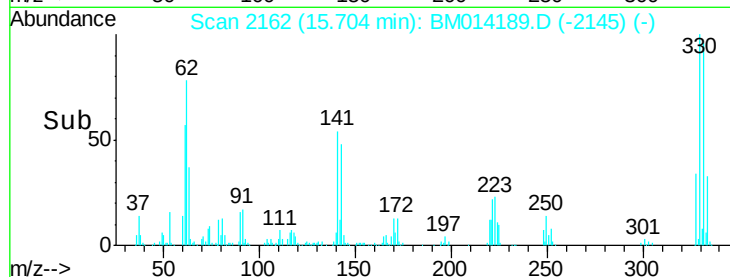
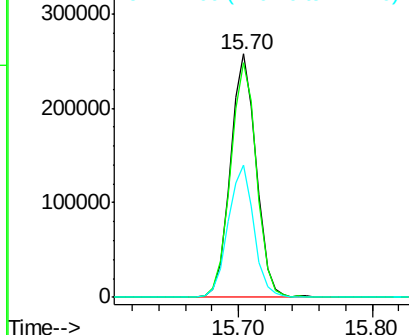
#41
 2,4,6-Tribromophenol
 Concen: 76.997 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	54.2	0.0	0.0#

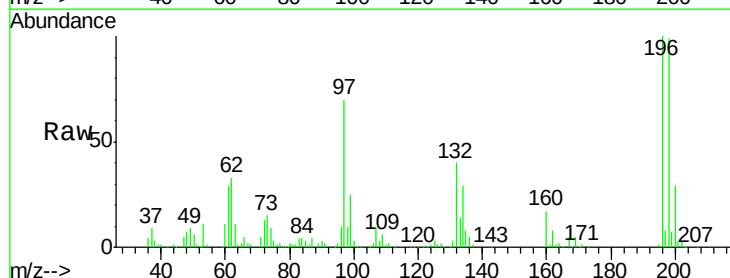


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

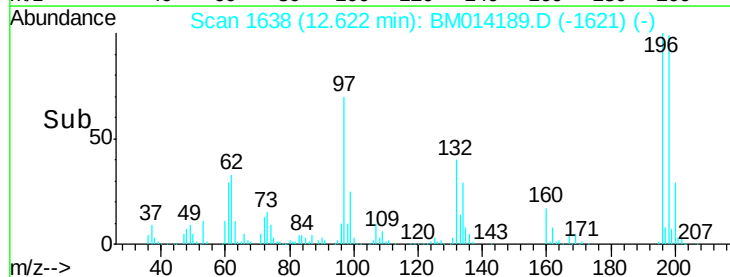
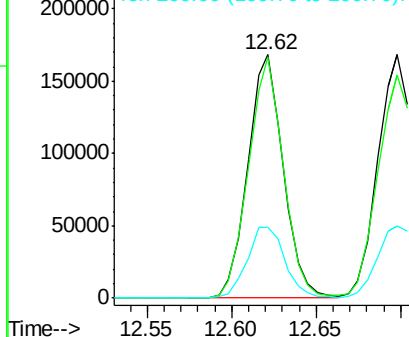


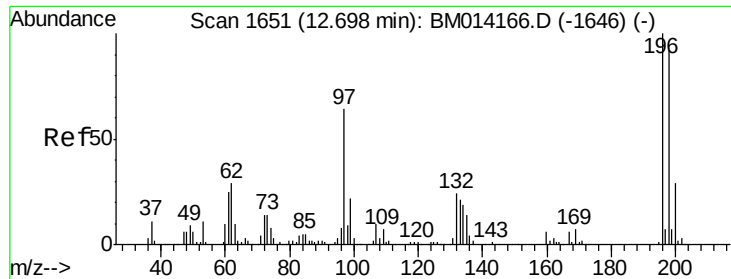
#42
 2,4,6-Trichlorophenol
 Concen: 37.645 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	76.3	114.5
200	29.1	25.6	38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

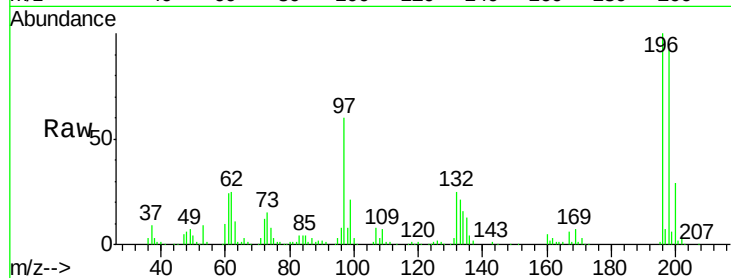




#43
 2,4,5-Trichlorophenol
 Concen: 39.612 ng
 RT: 12.70 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.9	79.4	119.0
97	60.5	26.8	40.2
132	25.0	18.6	28.0



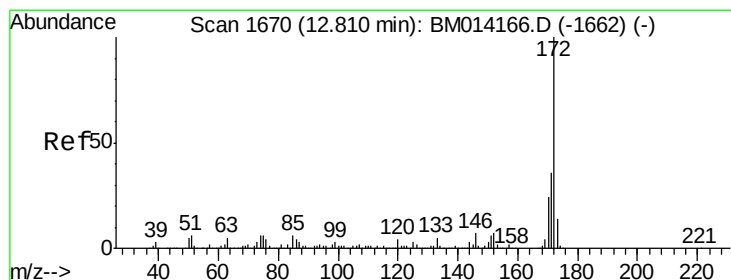
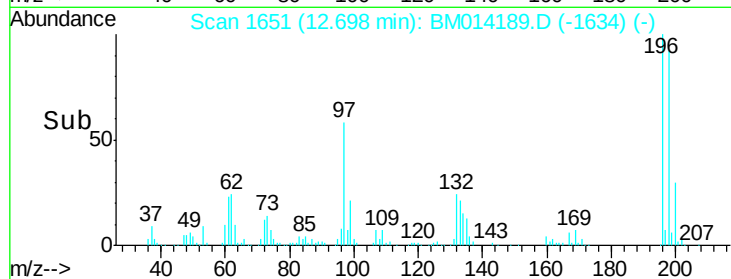
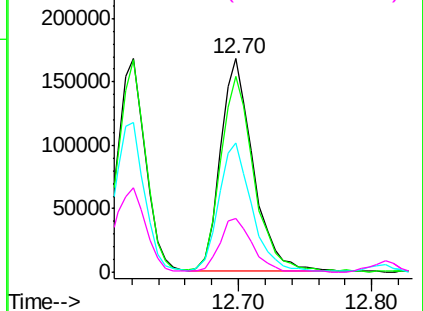
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

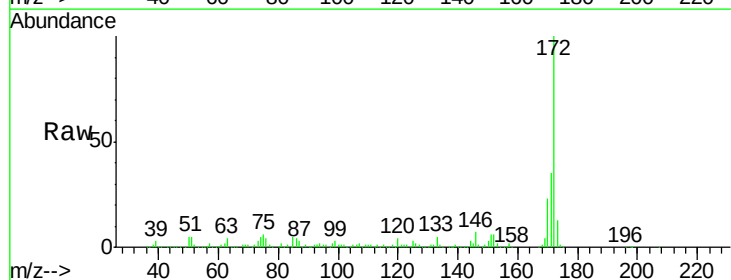
Ion 97.00 (96.70 to 97.70): BMO

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.749 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.5	42.7
170	22.8	18.8	28.2

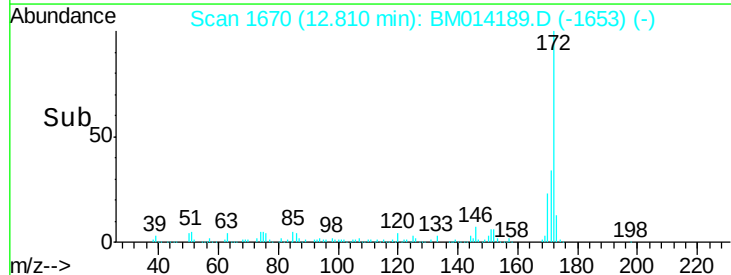
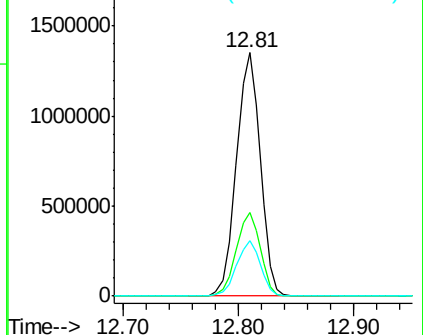


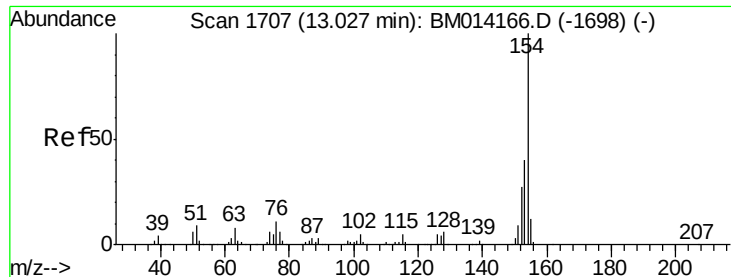
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.949 ng

RT: 13.02 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampled :

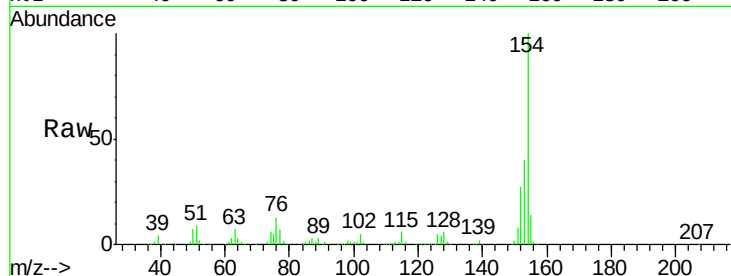
Tot Ion:154 Resp: 1045341

Ion Ratio Lower Upper

154 100

153 40.0 20.7 60.7

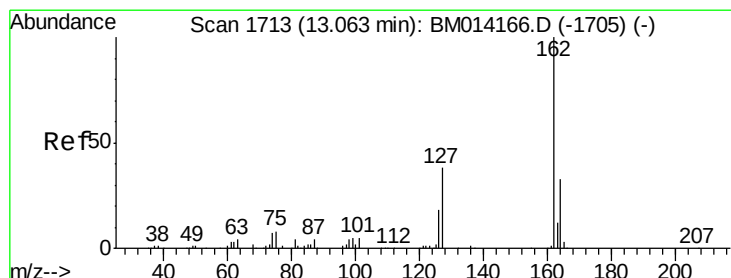
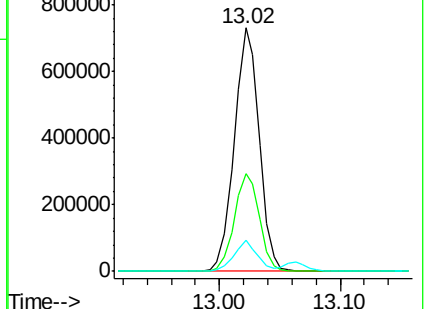
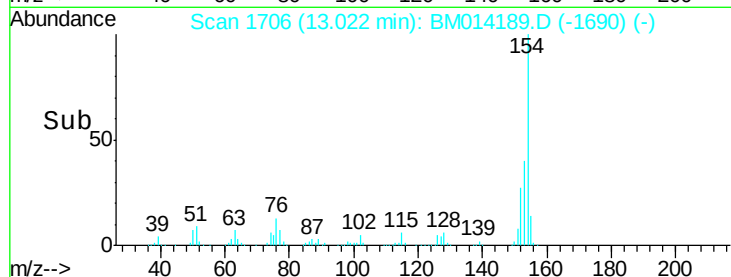
76 12.7 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 38.258 ng

RT: 13.06 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

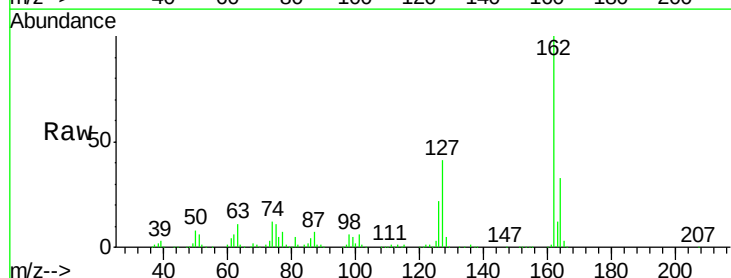
Tgt Ion:162 Resp: 799979

Ion Ratio Lower Upper

162 100

127 41.4 26.9 40.3#

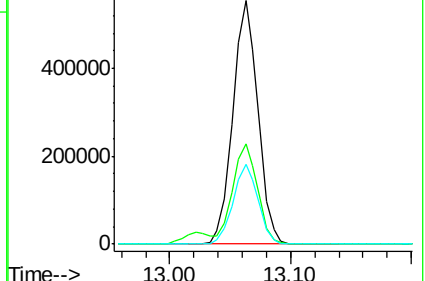
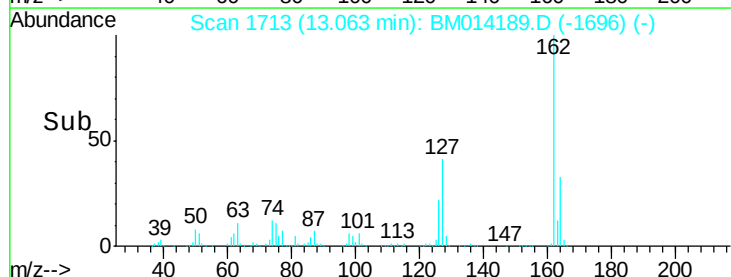
164 32.8 26.8 40.2

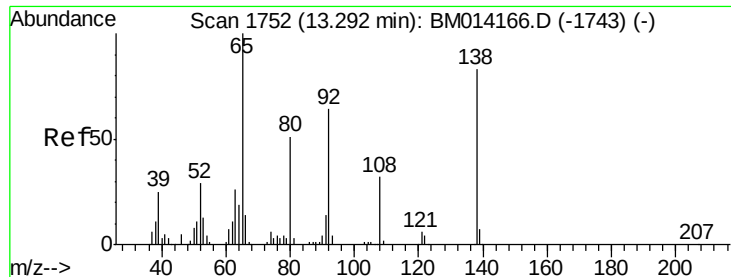


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.624 ng

RT: 13.29 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampled :

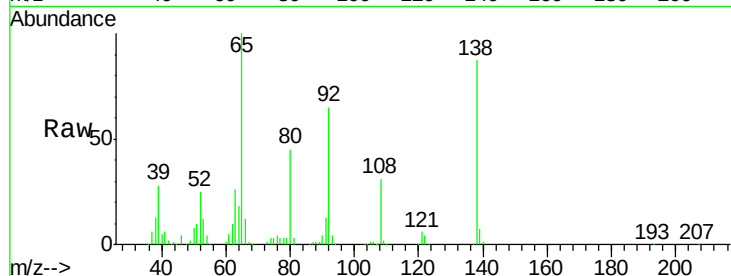
Tot Ion: 65 Resp: 289504

Ion Ratio Lower Upper

65 100

92 64.5 59.1 88.7

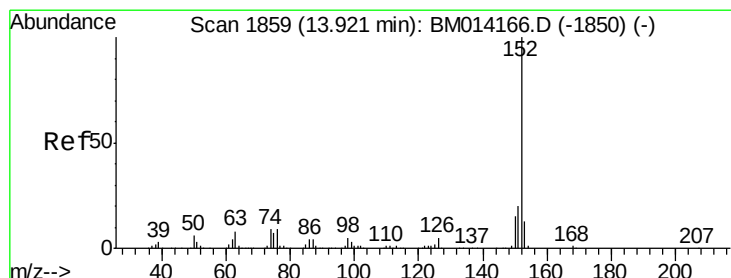
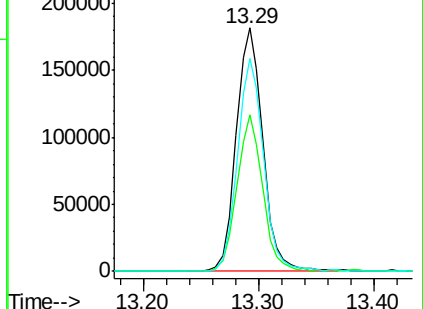
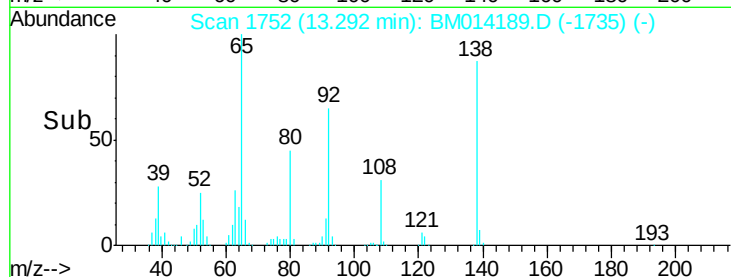
138 87.3 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM014189.D (-1735) (-)

Ion 92.00 (91.70 to 92.70): BM014189.D (-1735) (-)

Ion 138.00 (137.70 to 138.70): BM014189.D (-1735) (-)



#48

Acenaphthylene

Concen: 38.026 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

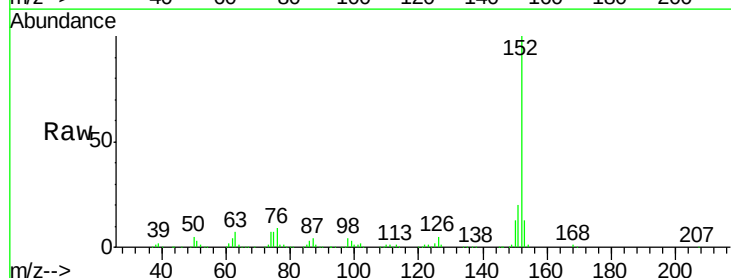
Tgt Ion: 152 Resp: 1303836

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

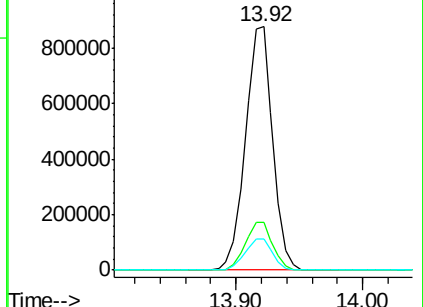
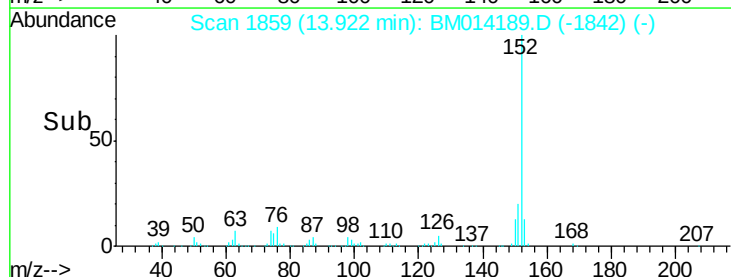
153 13.0 10.6 16.0

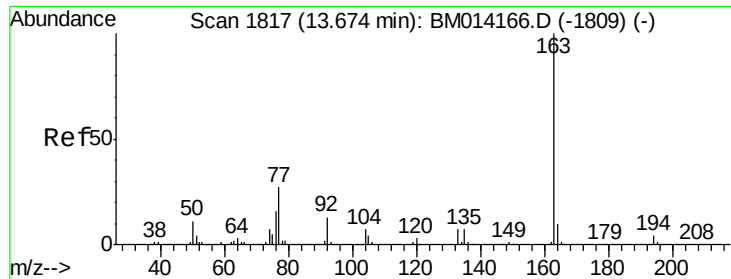


Abundance Ion 152.00 (151.70 to 152.70): BM014189.D (-1842) (-)

Ion 151.00 (150.70 to 151.70): BM014189.D (-1842) (-)

Ion 153.00 (152.70 to 153.70): BM014189.D (-1842) (-)

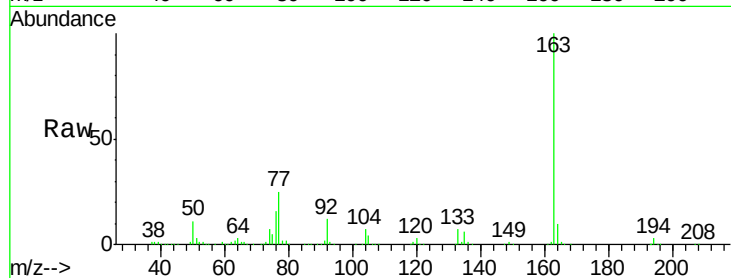




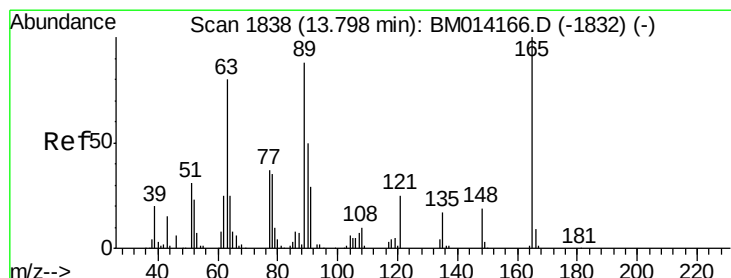
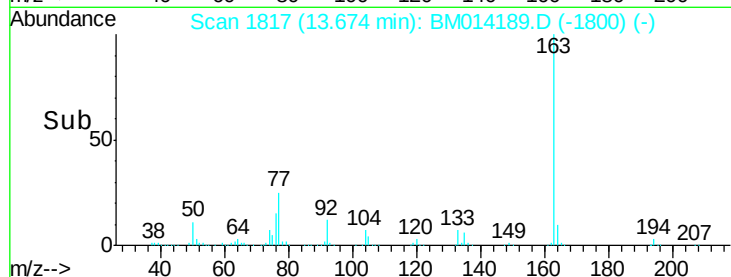
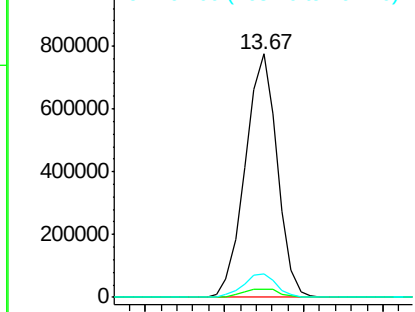
#49
Dimethylphthalate
Concen: 38.119 ng
RT: 13.67 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 1085180
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2

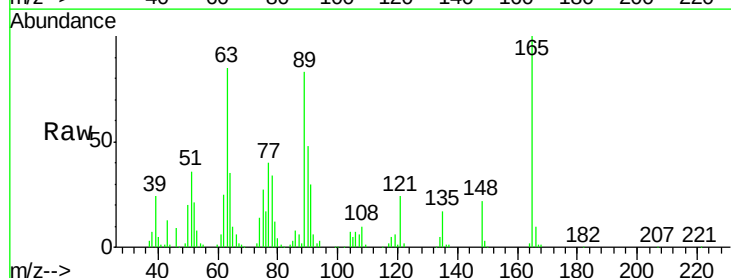


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

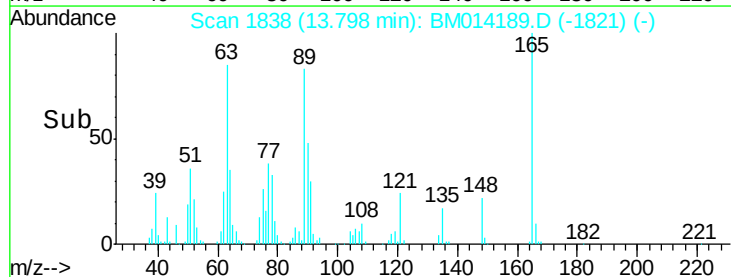
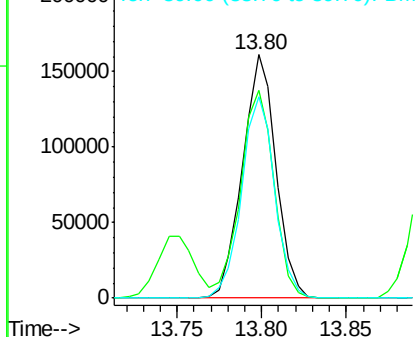


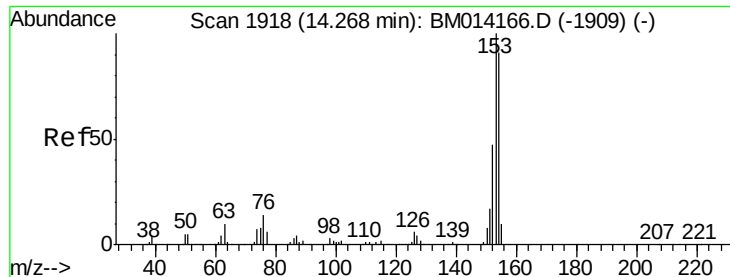
#50
2,6-Dinitrotoluene
Concen: 38.145 ng
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:165 Resp: 222824
Ion Ratio Lower Upper
165 100
63 85.1 44.1 66.1#
89 82.9 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 37.822 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

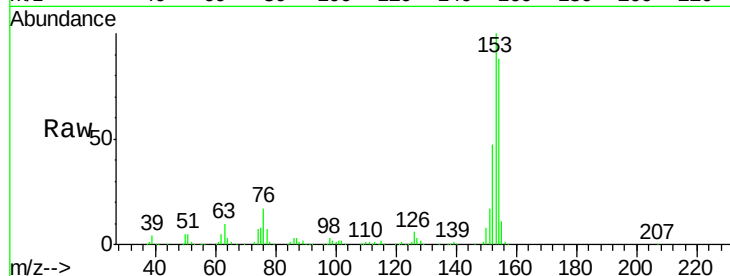
Tot Ion:154 Resp: 799375

Ion Ratio Lower Upper

154 100

153 113.0 90.0 135.0

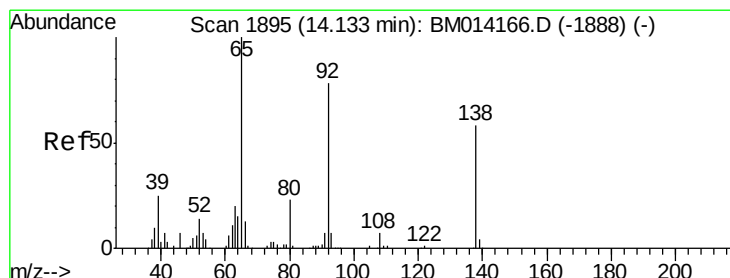
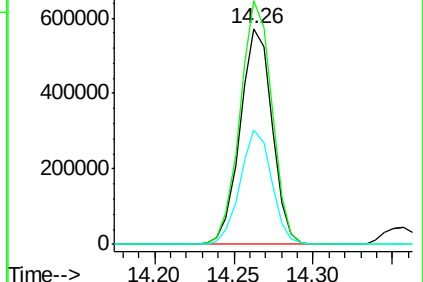
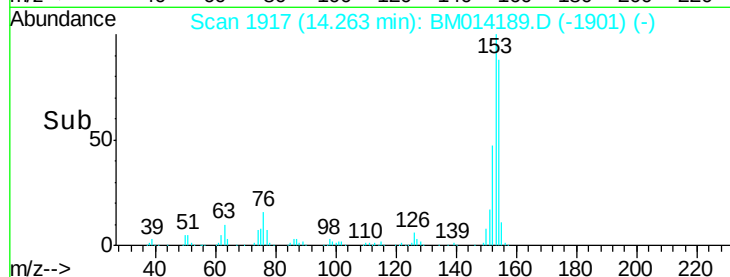
152 53.1 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.143 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

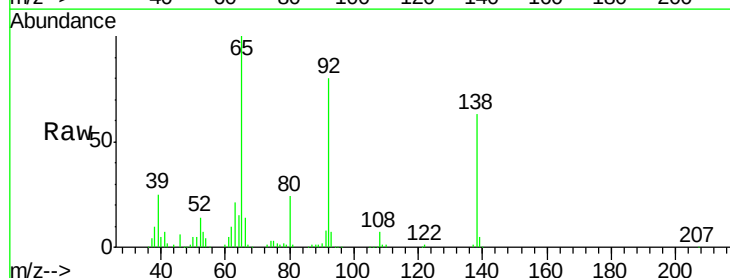
Tgt Ion:138 Resp: 230476

Ion Ratio Lower Upper

138 100

108 11.1 7.3 10.9#

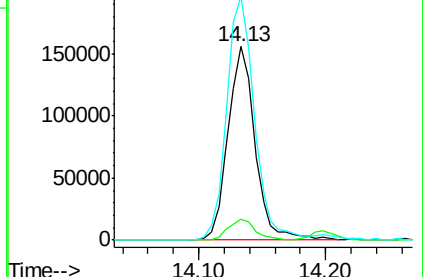
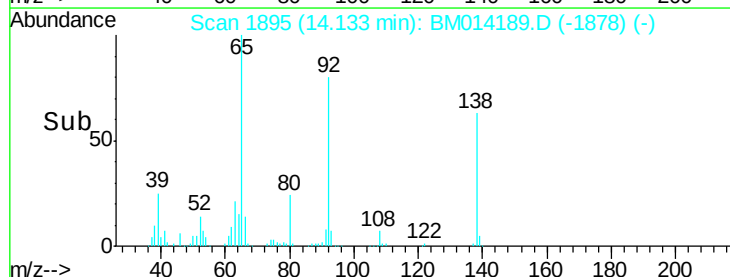
92 126.0 76.6 114.8#

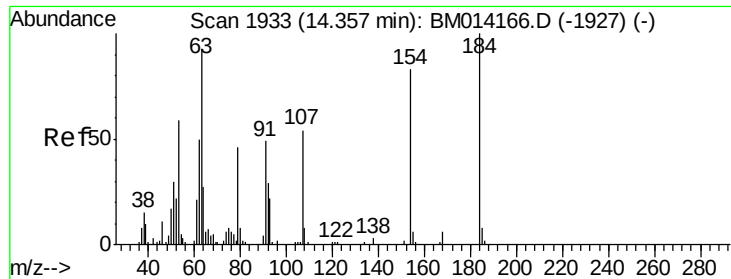


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

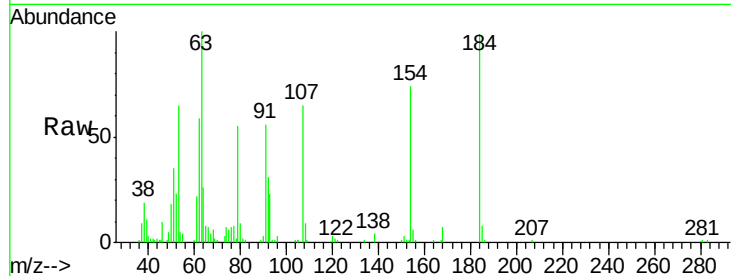




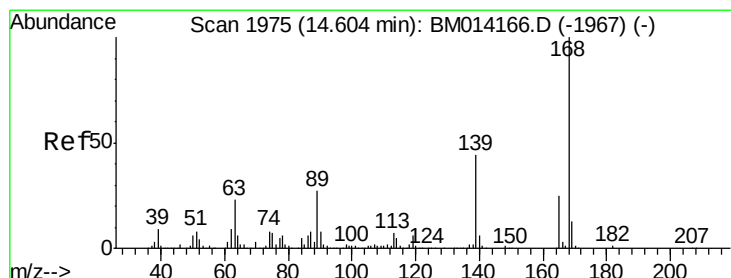
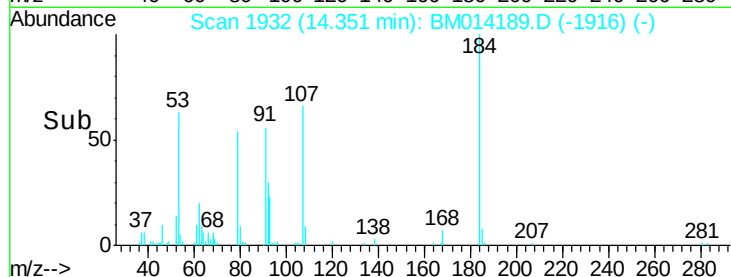
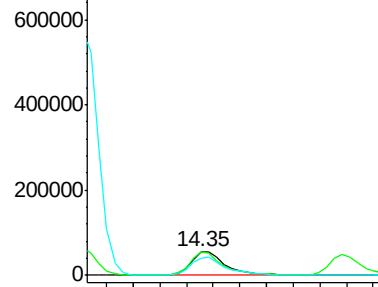
#53
2,4-Dinitrophenol
Concen: 34.916 ng
RT: 14.35 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Instrument :
BNA_M
ClientSampled :

Tot Ion:184 Resp: 100205
Ion Ratio Lower Upper
184 100
63 100.6 69.2 103.8
154 74.1 53.3 79.9

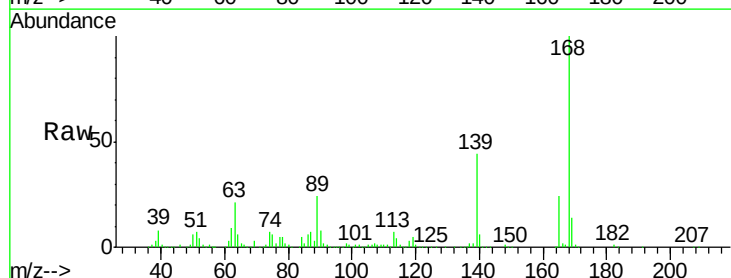


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): E
Ion 154.00 (153.70 to 154.70): E

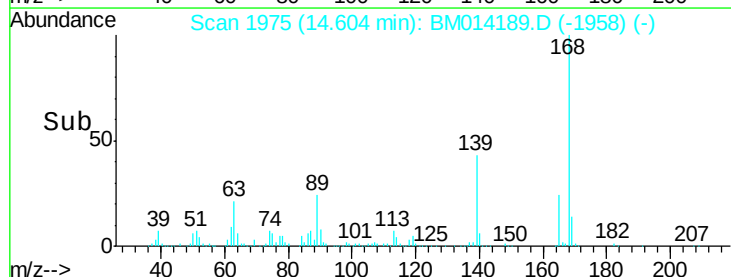
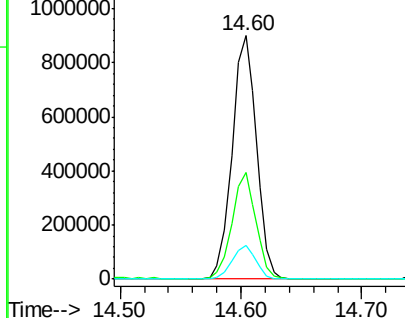


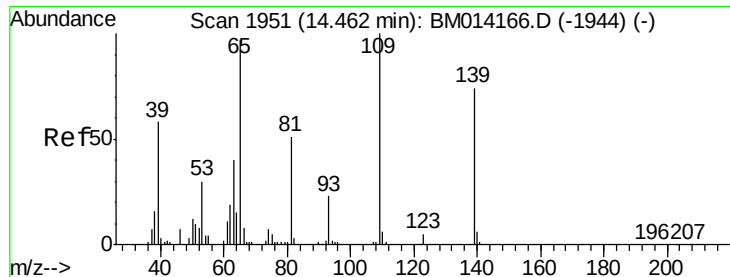
#54
Dibenzofuran
Concen: 38.230 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:168 Resp: 1262542
Ion Ratio Lower Upper
168 100
139 43.8 27.3 40.9#
169 13.6 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

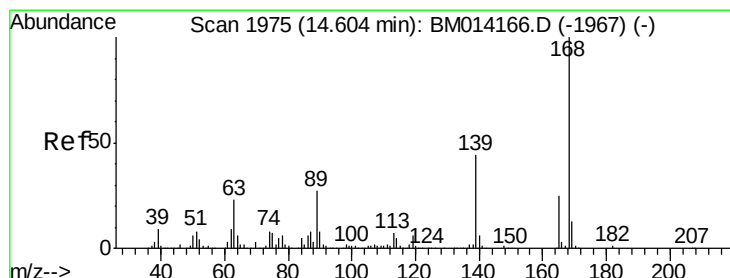
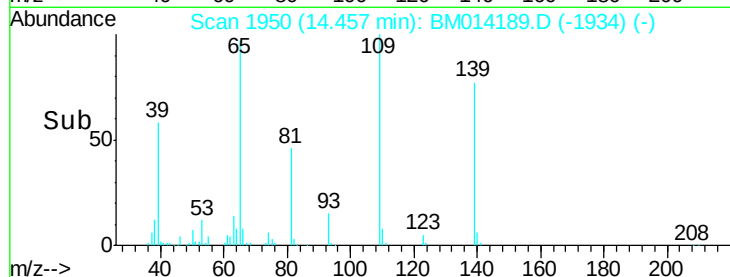
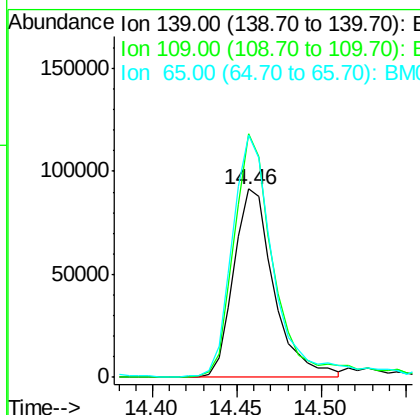
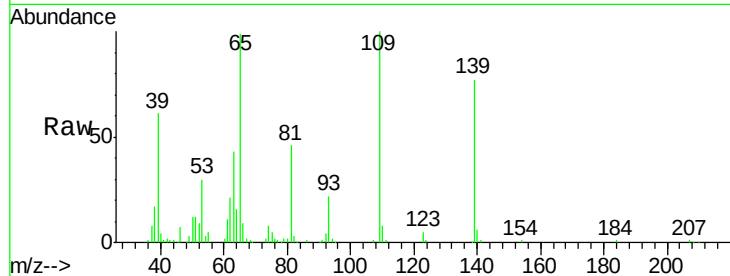




#55
4-Nitrophenol
Concen: 35.169 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

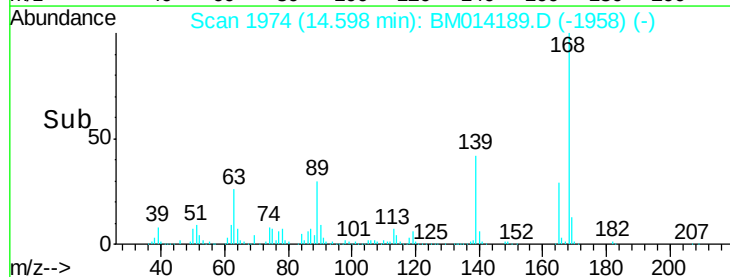
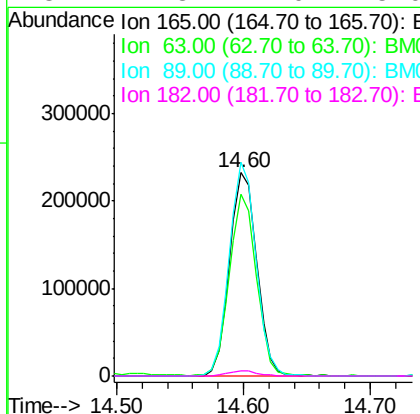
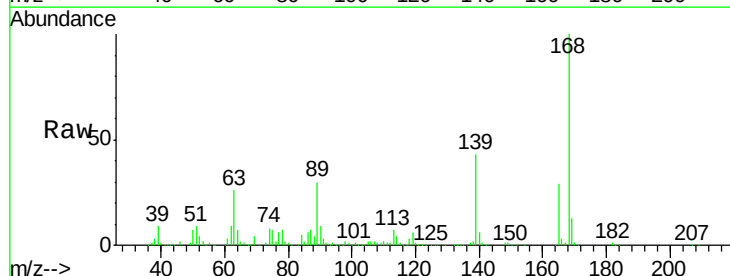
Instrument :
BNA_M
ClientSampleId :

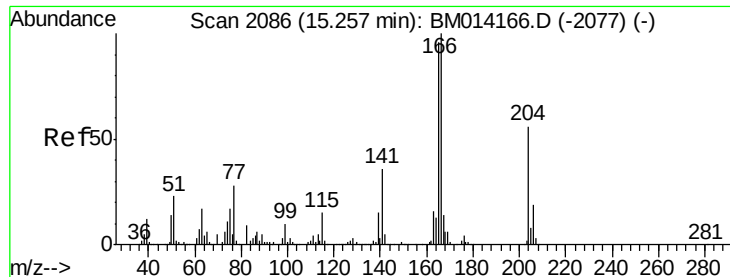
Tot Ion:139 Resp: 151632
Ion Ratio Lower Upper
139 100
109 129.2 130.0 170.0#
65 128.4 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 38.329 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:165 Resp: 345541
Ion Ratio Lower Upper
165 100
63 89.3 52.4 78.6#
89 105.1 72.4 108.6
182 2.3 2.0 3.0





#57

Fluorene

Concen: 38.239 ng

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

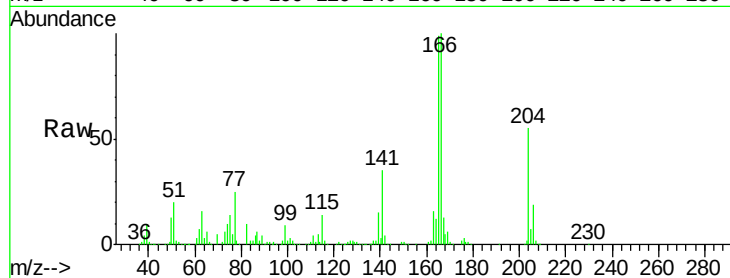
Tot Ion:166 Resp: 1111005

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.4

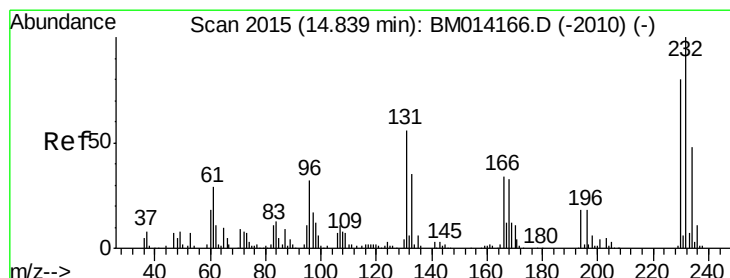
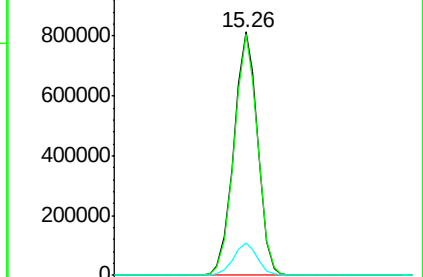
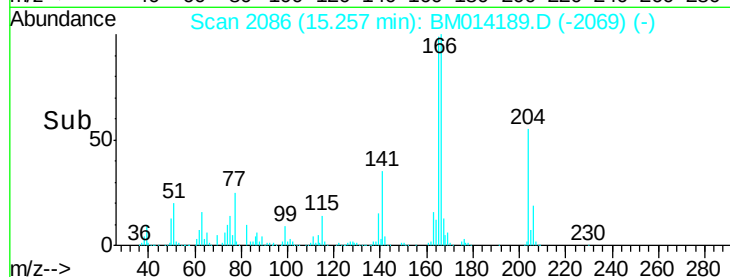
167 13.3 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.891 ng

RT: 14.84 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Tgt Ion:232 Resp: 262660

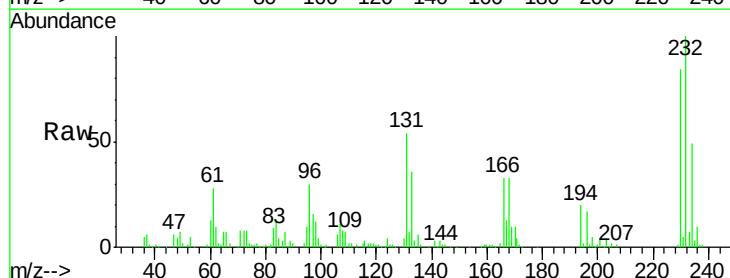
Ion Ratio Lower Upper

232 100

131 52.9 0.0 0.0#

130 3.7 0.0 0.0#

166 34.0 0.0 0.0#

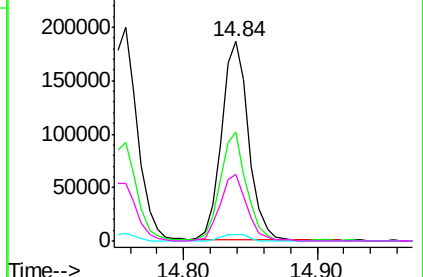
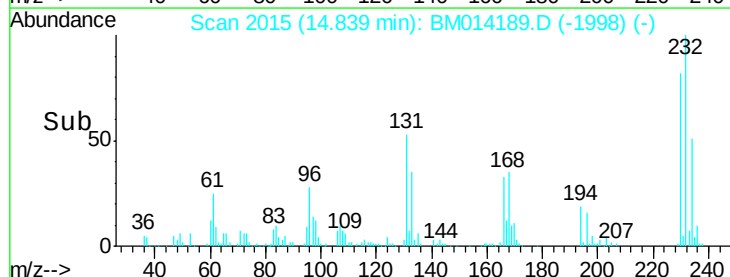


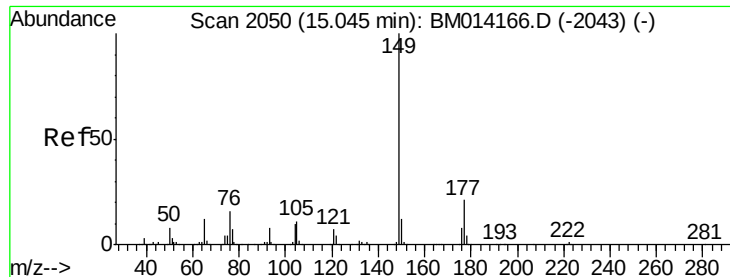
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

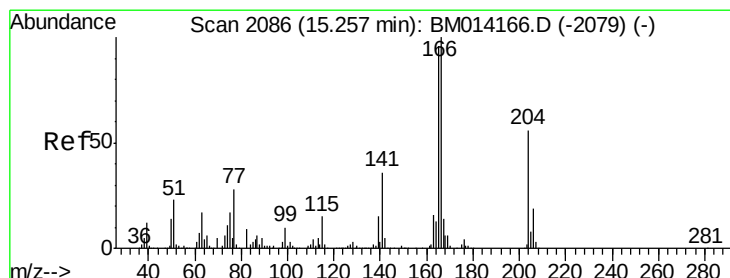
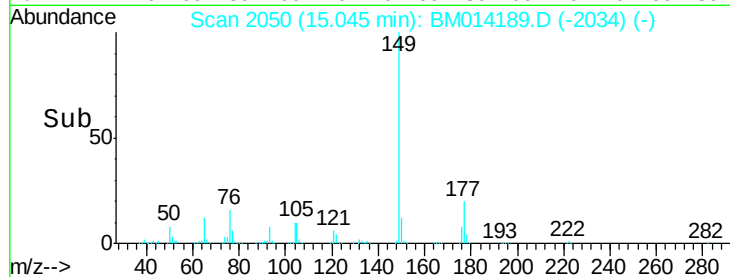
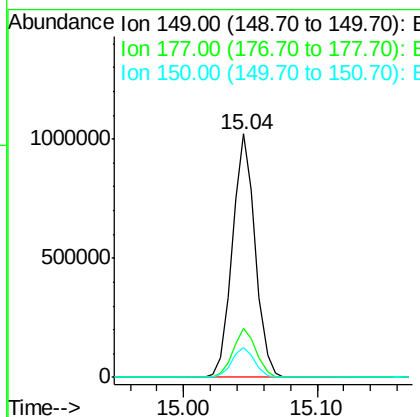
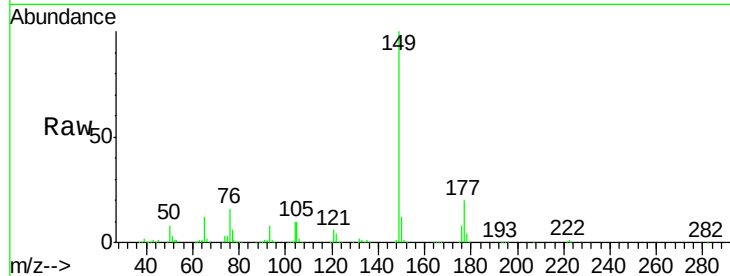




#59
Diethylphthalate
Concen: 38.416 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

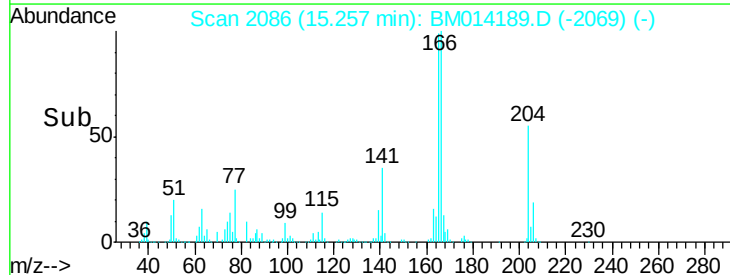
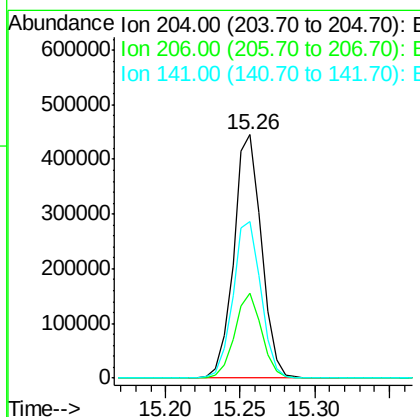
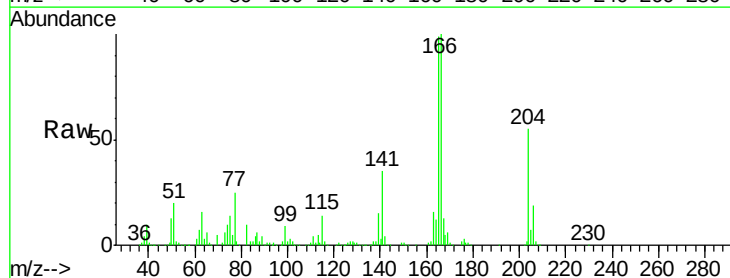
Instrument :
BNA_M
ClientSampled :

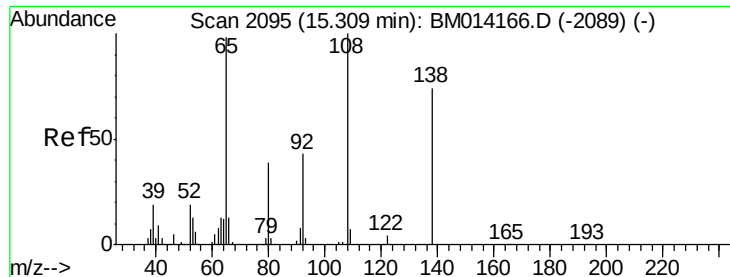
Tot Ion:149 Resp: 1213940
Ion Ratio Lower Upper
149 100
177 20.3 18.3 27.5
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.179 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:204 Resp: 576612
Ion Ratio Lower Upper
204 100
206 34.8 26.6 39.8
141 64.5 45.2 67.8

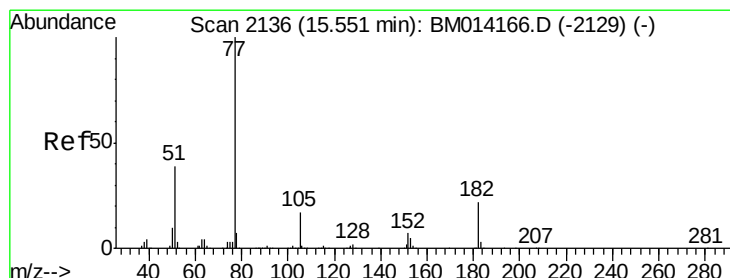
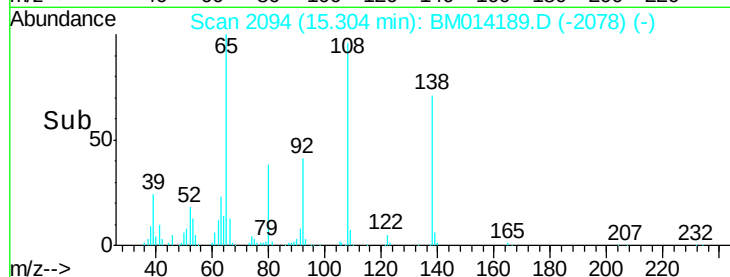
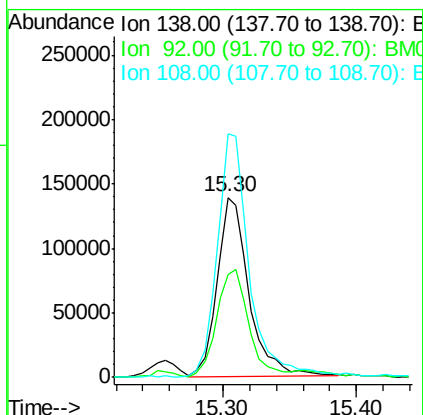
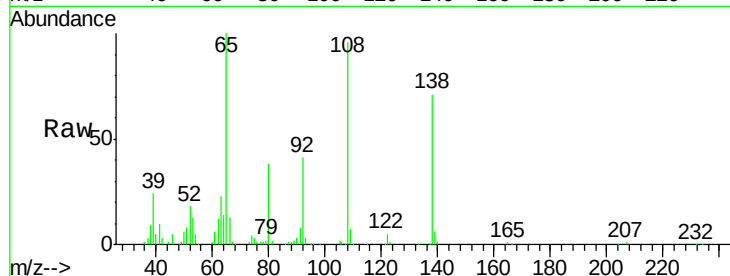




#61
4-Nitroaniline
Concen: 38.057 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

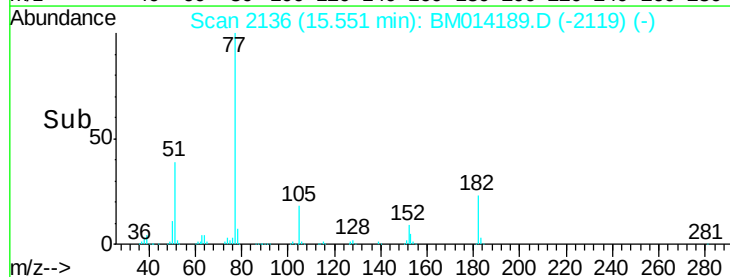
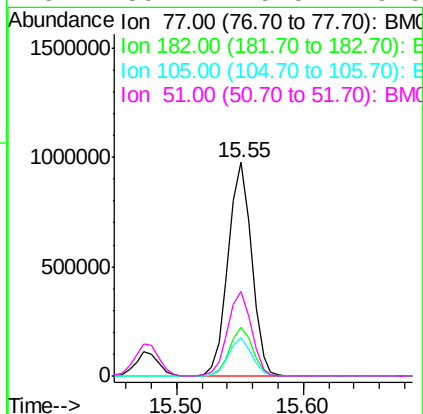
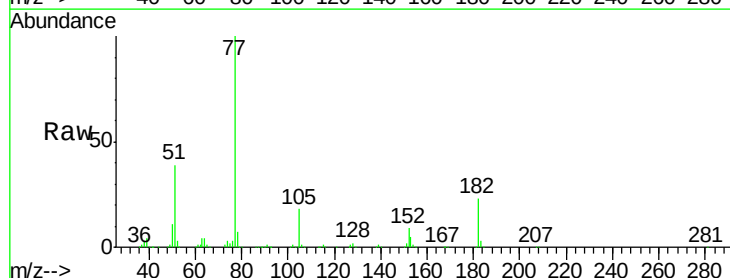
Instrument :
BNA_M
ClientSampled :

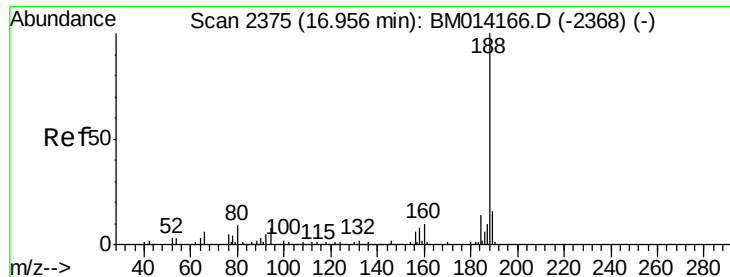
Tot Ion:138 Resp: 230099
Ion Ratio Lower Upper
138 100
92 56.9 16.7 56.7#
108 135.5 37.6 77.6#



#62
Azobenzene
Concen: 38.223 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion: 77 Resp: 1254417
Ion Ratio Lower Upper
77 100
182 22.8 6.5 46.5
105 17.9 3.8 43.8
51 39.4 5.5 45.5

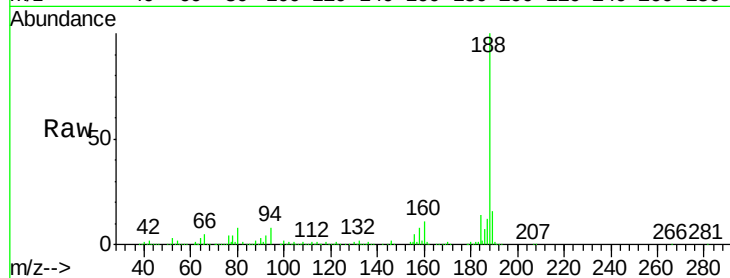




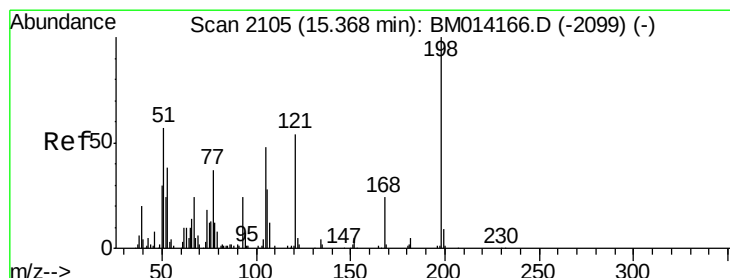
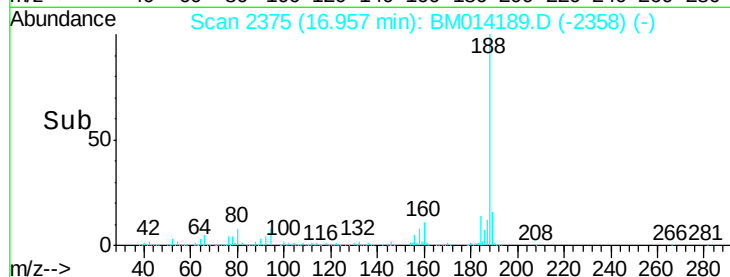
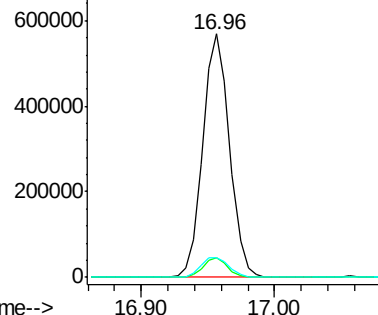
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 794961
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 8.2 9.3 13.9#

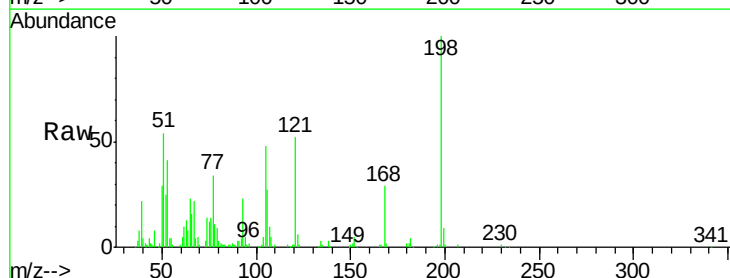


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

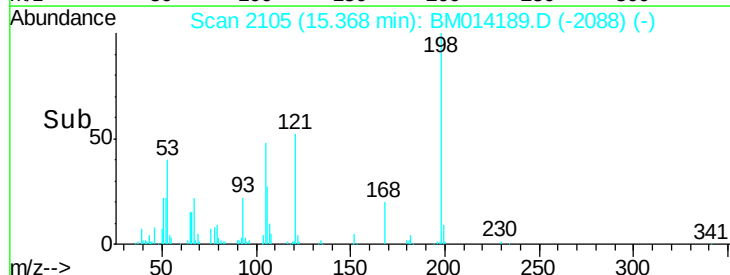
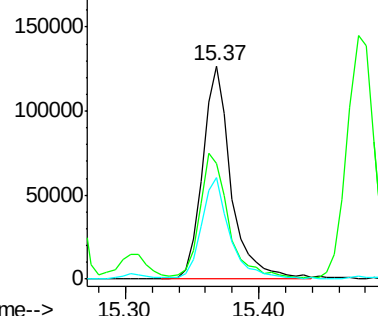


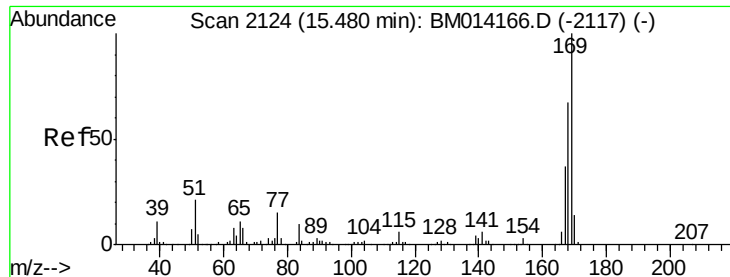
#64
4,6-Dinitro-2-methylphenol
Concen: 36.399 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:198 Resp: 189905
Ion Ratio Lower Upper
198 100
51 54.4 28.8 68.8
105 47.6 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

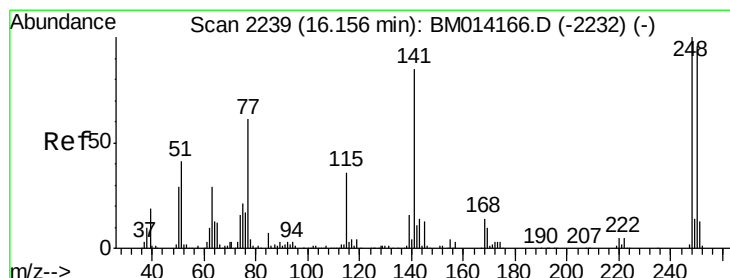
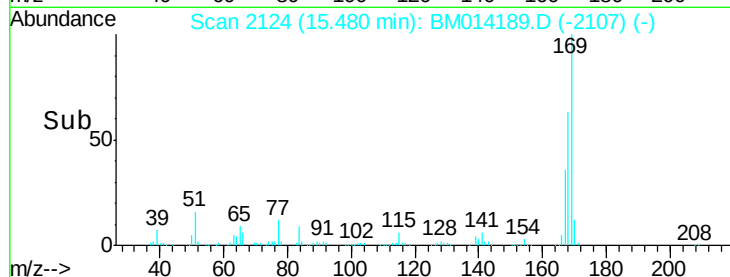
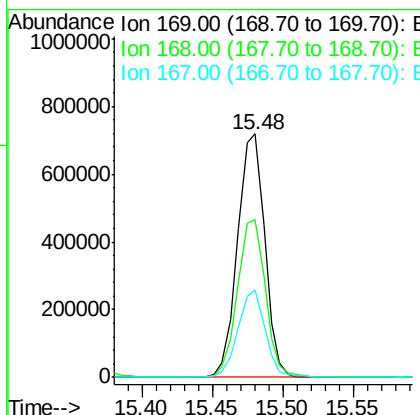
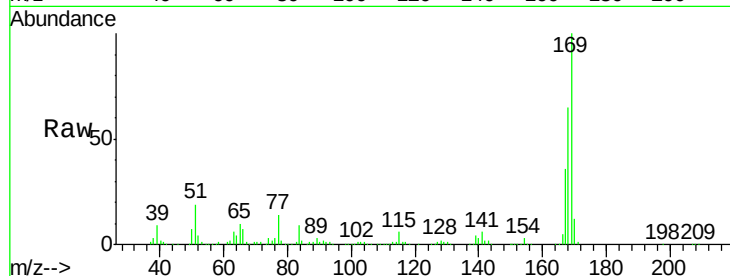




#65
 n-Nitrosodiphenylamine
 Concen: 38.722 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

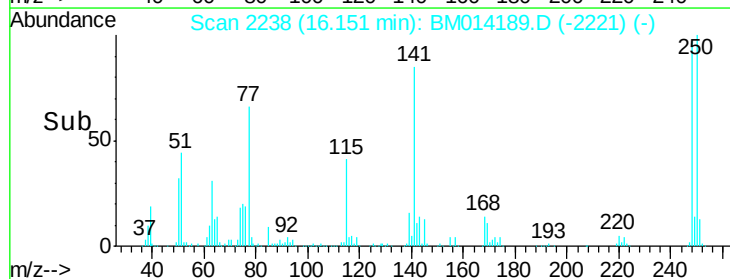
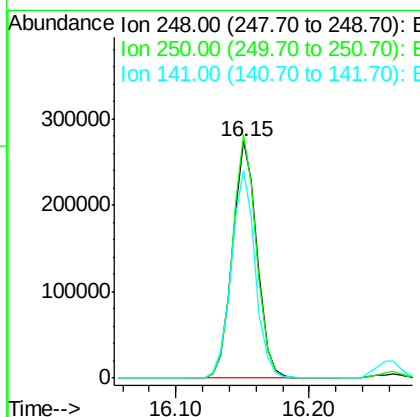
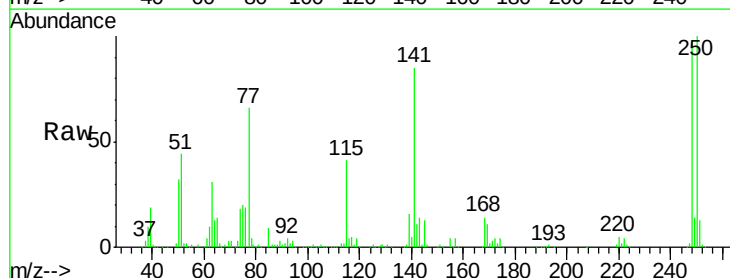
Instrument :
 BNA_M
 ClientSampled :

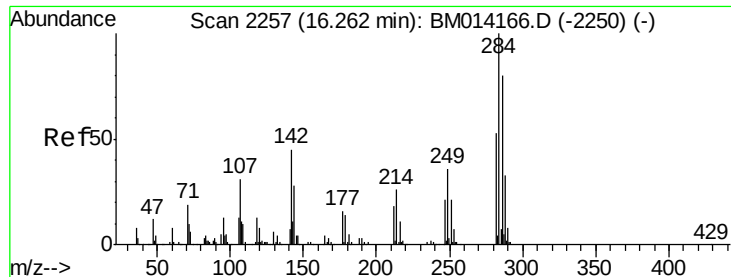
Tot Ion	Ratio	Lower	Upper
169	100		
168	65.0	53.9	80.9
167	36.2	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 37.696 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.9	77.4	116.0
141	87.7	45.2	67.8





#67

Hexachlorobenzene

Concen: 37.737 ng

RT: 16.26 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

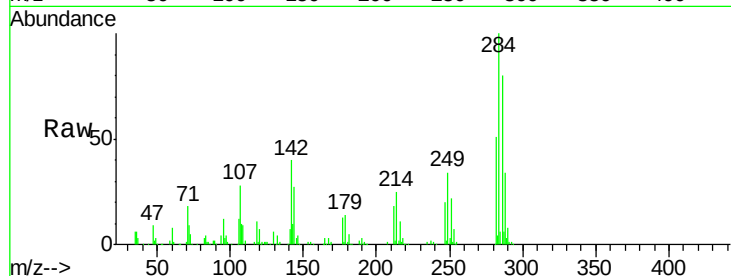
Tot Ion:284 Resp: 386036

Ion Ratio Lower Upper

284 100

142 40.3 20.4 30.6#

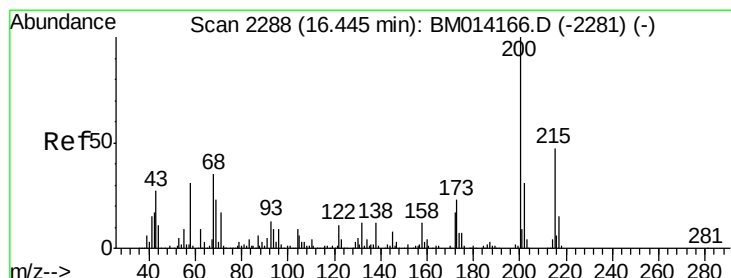
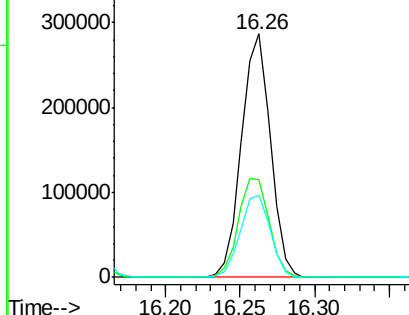
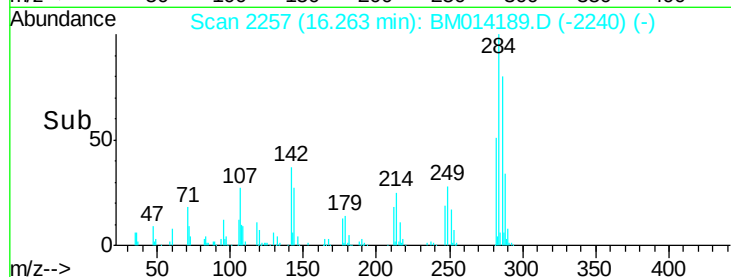
249 33.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.724 ng

RT: 16.44 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

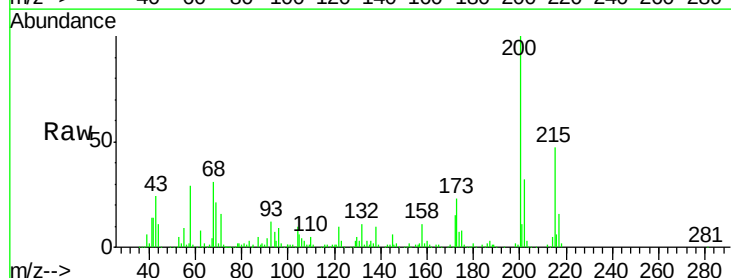
Tgt Ion:200 Resp: 364503

Ion Ratio Lower Upper

200 100

173 23.0 4.8 44.8

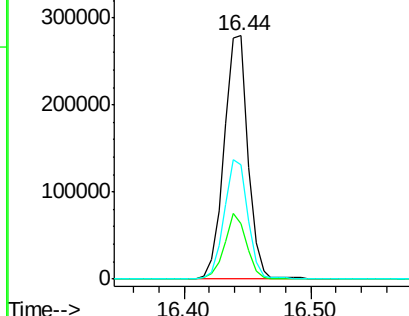
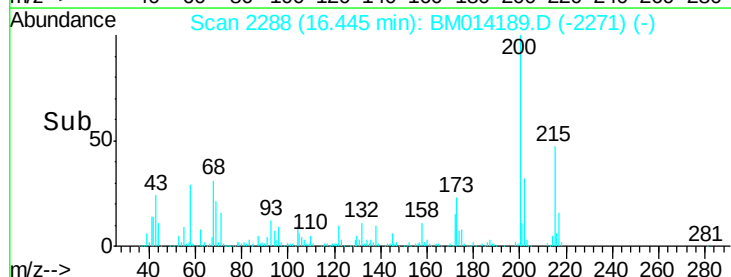
215 46.8 26.9 66.9

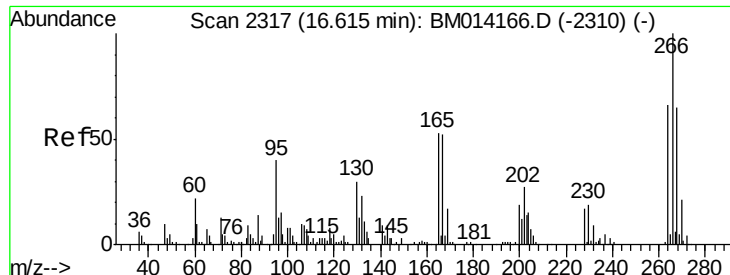


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

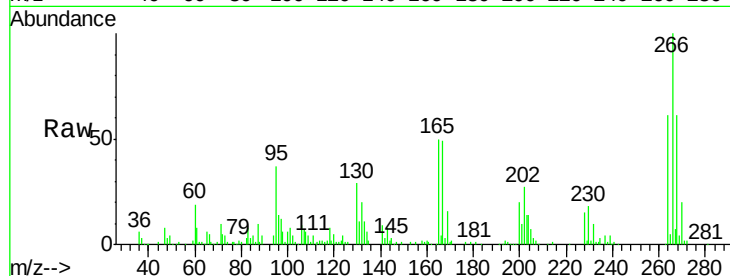




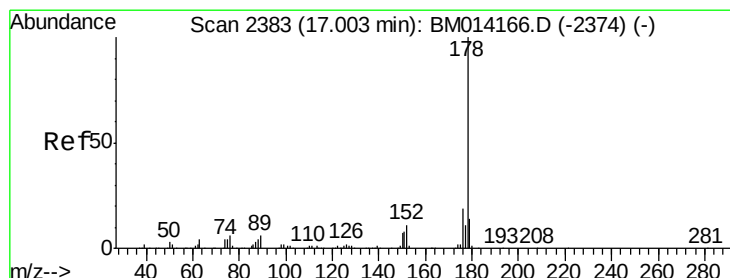
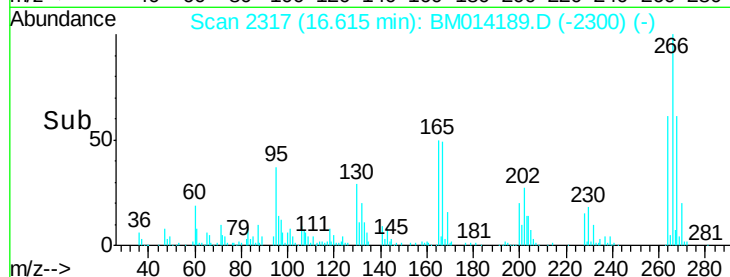
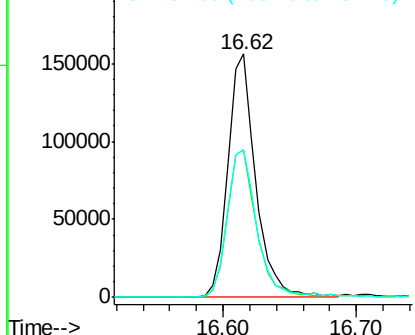
#69
 Pentachlorophenol
 Concen: 36.175 ng
 RT: 16.62 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 228837
 Ion Ratio Lower Upper
 266 100
 268 60.6 52.0 78.0
 264 60.7 49.0 73.4

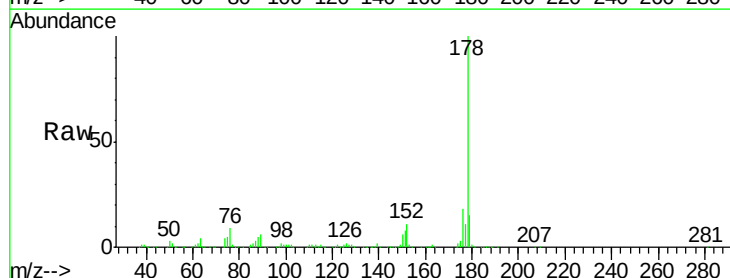


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

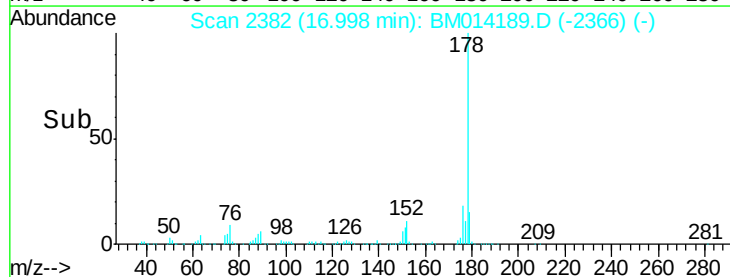
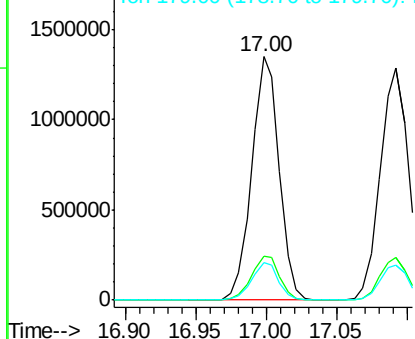


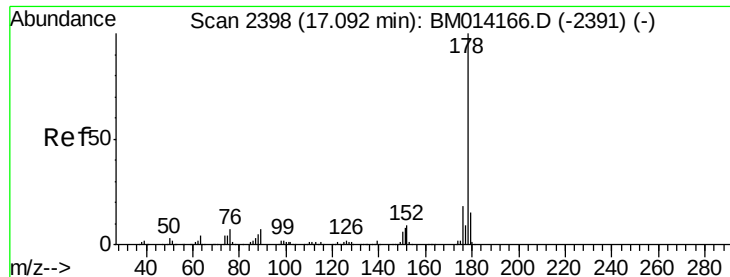
#70
 Phenanthrene
 Concen: 38.384 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion:178 Resp: 1840731
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.2 22.8
 179 15.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

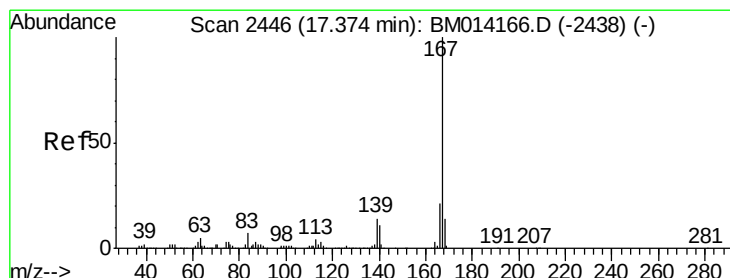
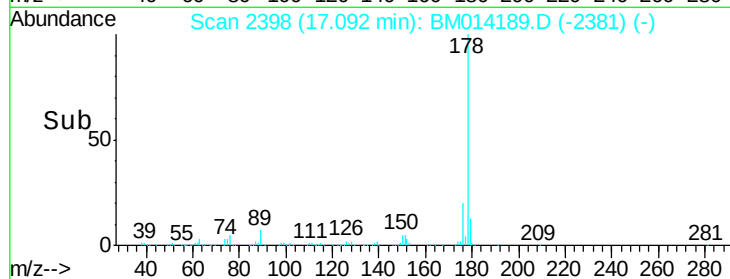
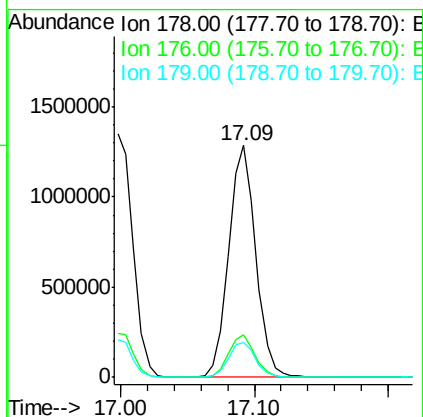
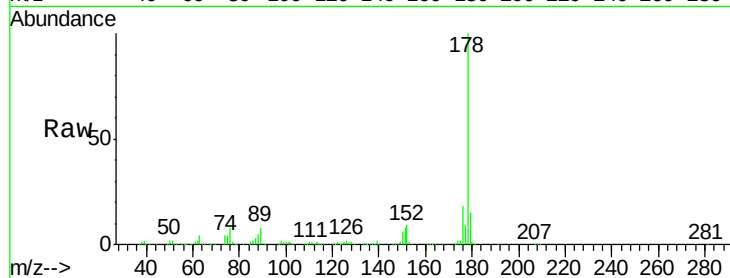




#71
 Anthracene
 Concen: 38.749 ng
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

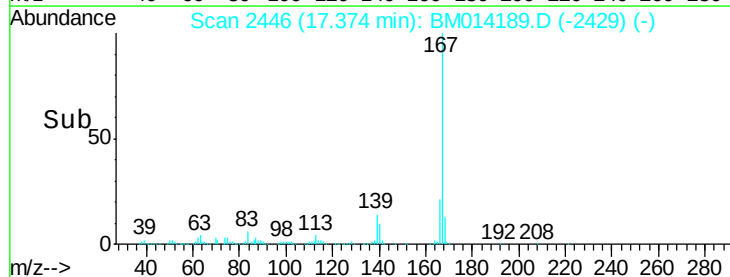
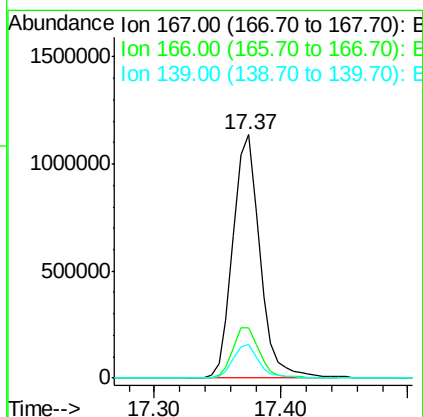
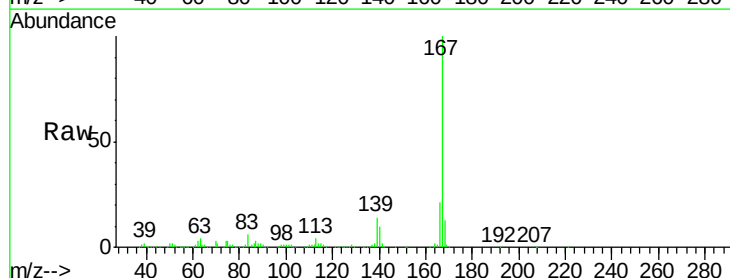
Instrument :
 BNA_M
 ClientSampleId :

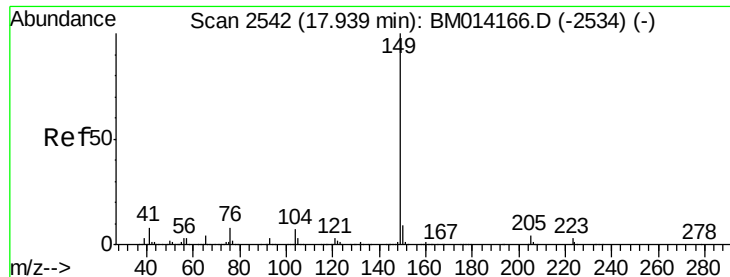
Tot Ion:178 Resp: 1810600
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 38.108 ng
 RT: 17.37 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion:167 Resp: 1673815
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.2 25.8
 139 14.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.480 ng

RT: 17.93 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampled :

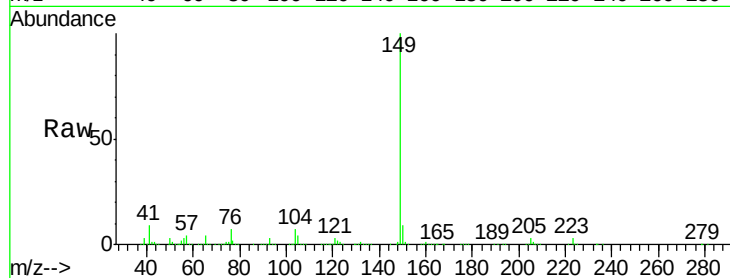
Tot Ion:149 Resp: 2219129

Ion Ratio Lower Upper

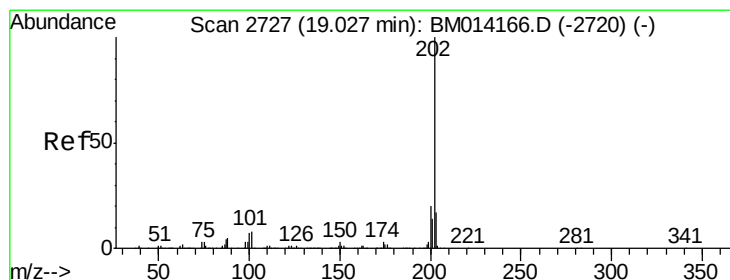
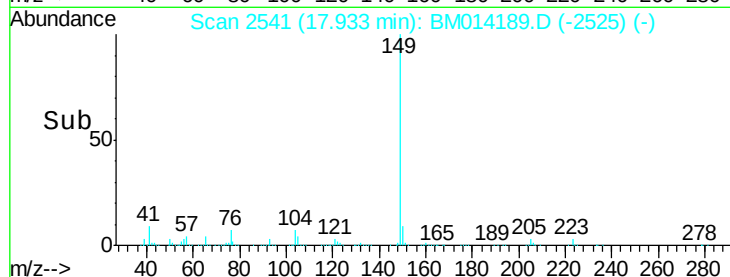
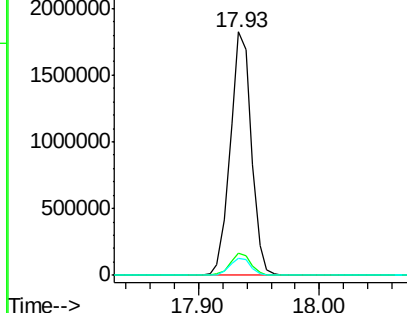
149 100

150 9.1 7.5 11.3

104 7.2 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
2000000
Ion 104.00 (103.70 to 104.70): E
1500000
1000000
500000
0



#74

Fluoranthene

Concen: 38.519 ng

RT: 19.03 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

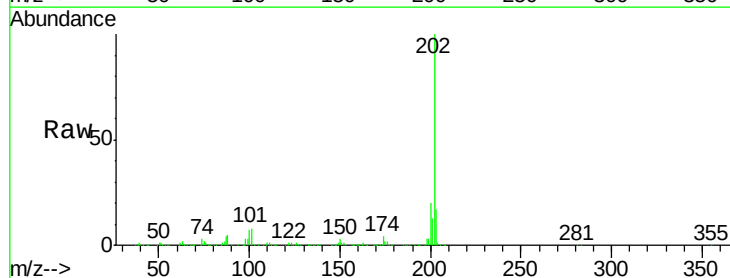
Tgt Ion:202 Resp: 2174690

Ion Ratio Lower Upper

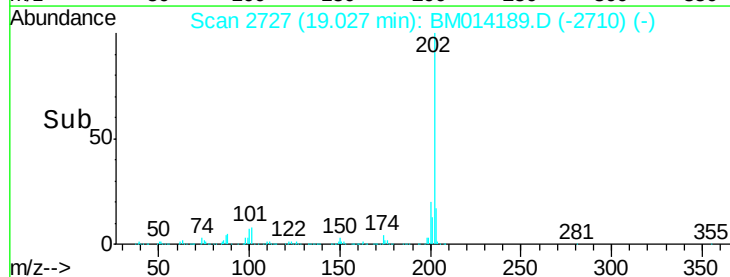
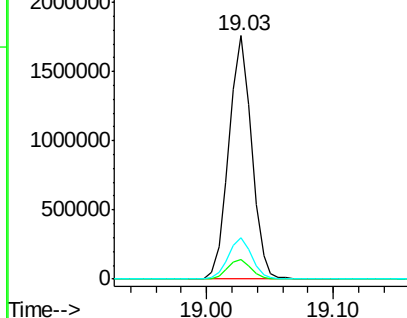
202 100

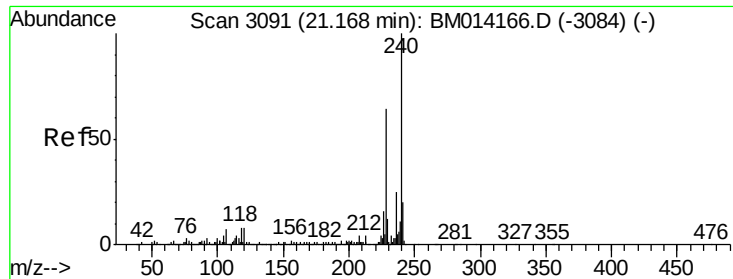
101 8.3 0.0 28.7

203 17.1 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
1500000
Ion 203.00 (202.70 to 203.70): E
1000000
500000
0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

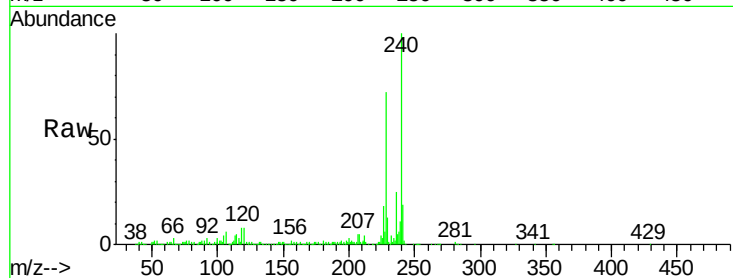
Tot Ion:240 Resp: 850852

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

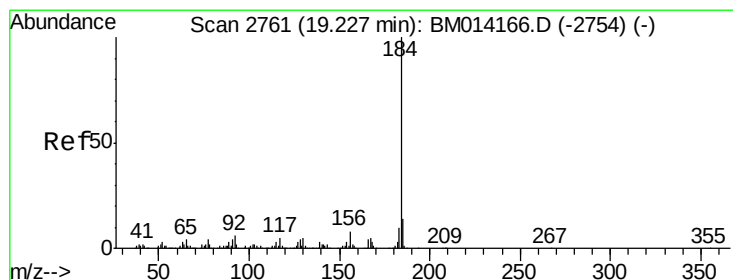
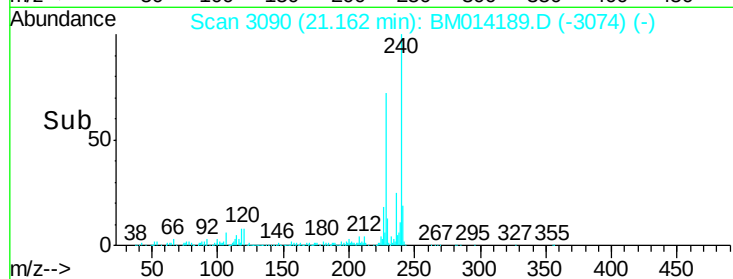
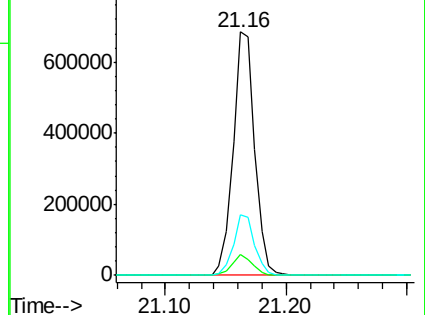
236 25.0 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.570 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

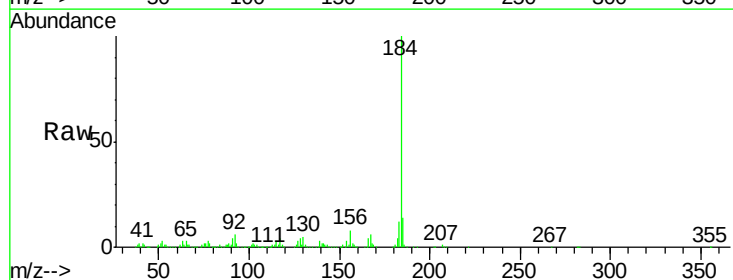
Tgt Ion:184 Resp: 1028002

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

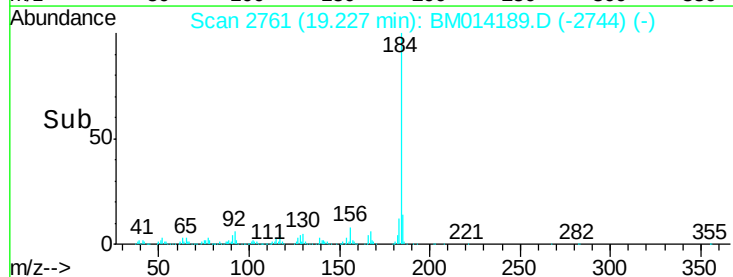
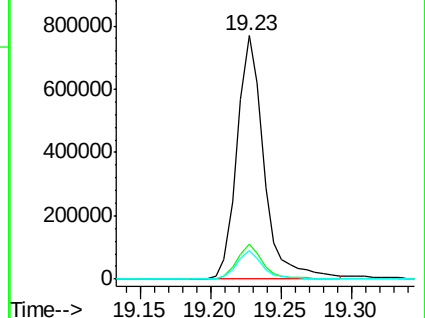
183 11.9 8.9 13.3

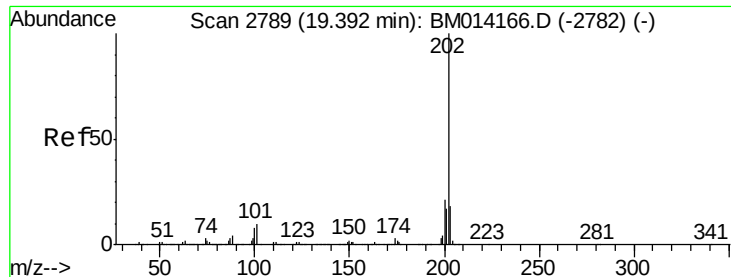


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

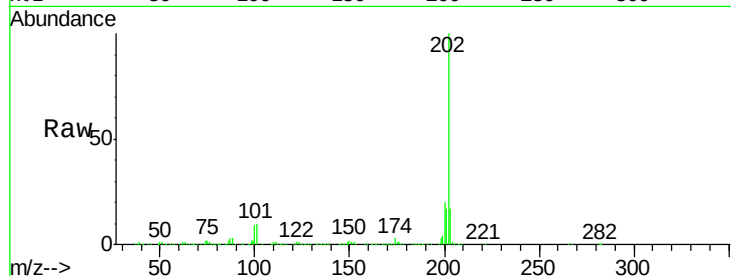




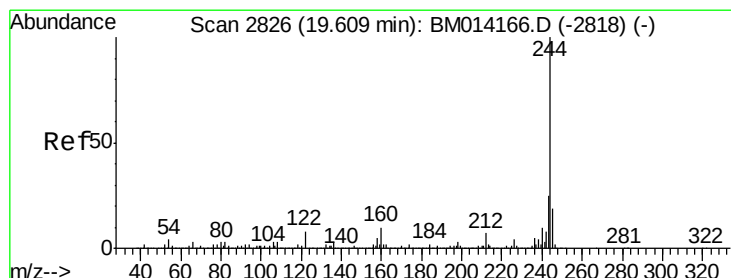
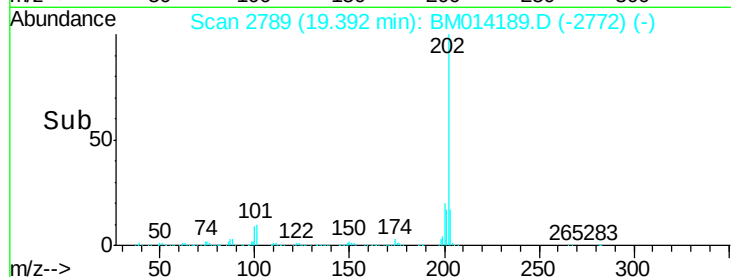
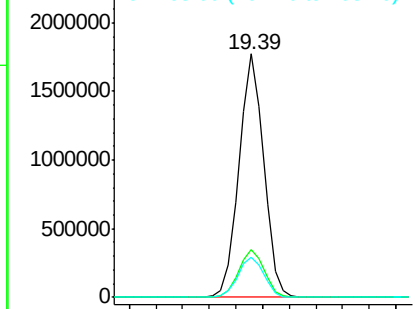
#77
Pvrene
Concen: 38.559 ng
RT: 19.39 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 2279232
Ion Ratio Lower Upper
202 100
200 19.6 16.9 25.3
203 16.7 14.1 21.1

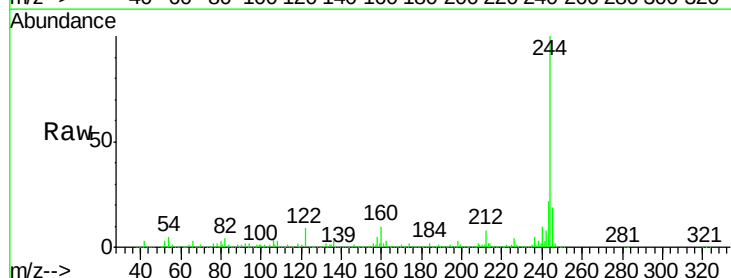


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

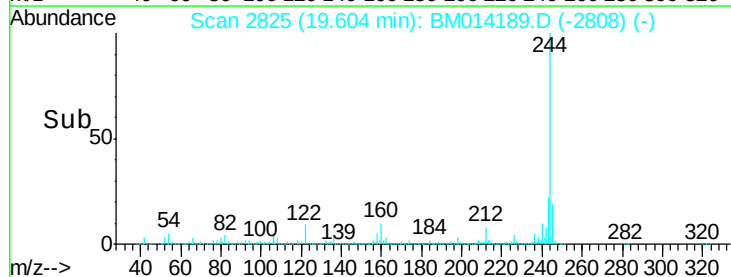
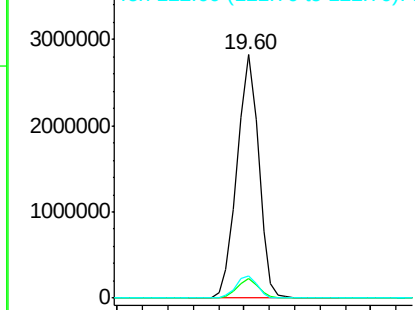


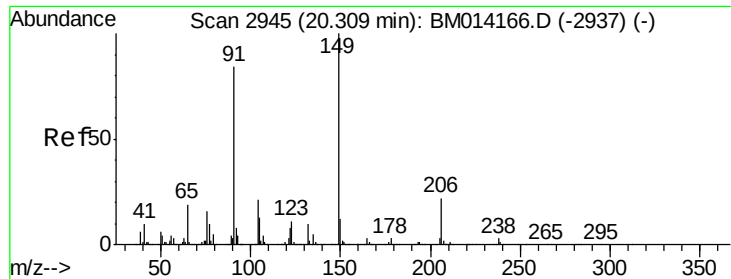
#78
Terphenyl-d14
Concen: 76.672 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:244 Resp: 3338730
Ion Ratio Lower Upper
244 100
212 7.9 4.9 7.3#
122 9.3 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

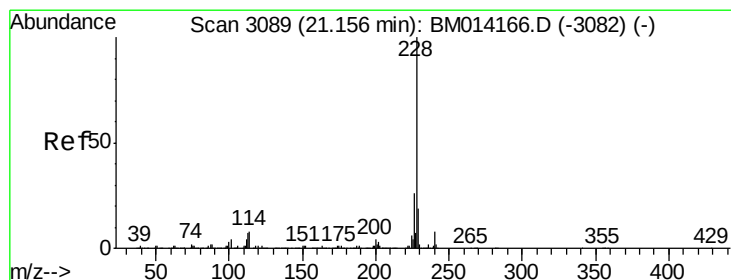
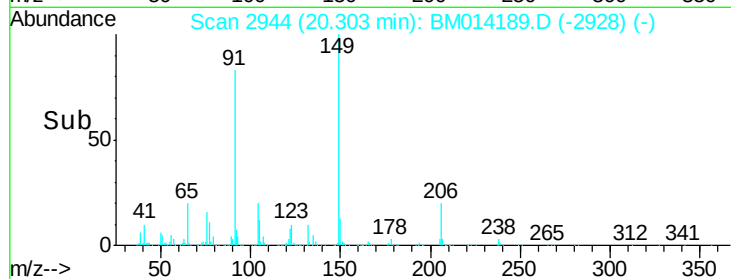
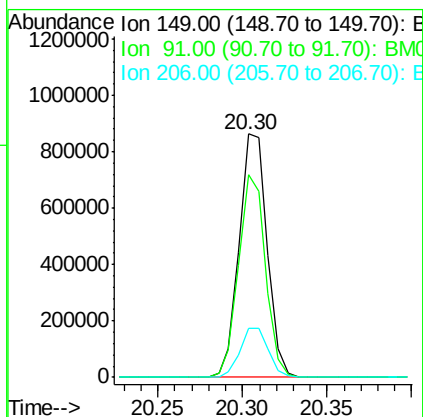
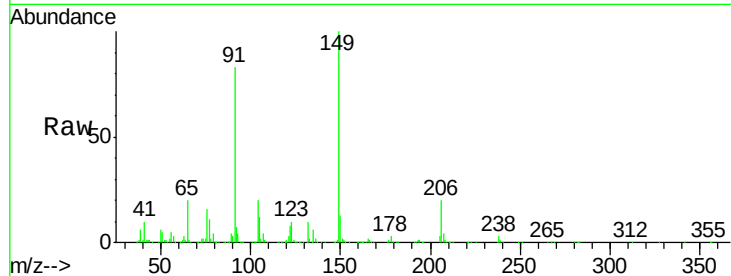




#79
Butylbenzylphthalate
Concen: 37.567 ng
RT: 20.30 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

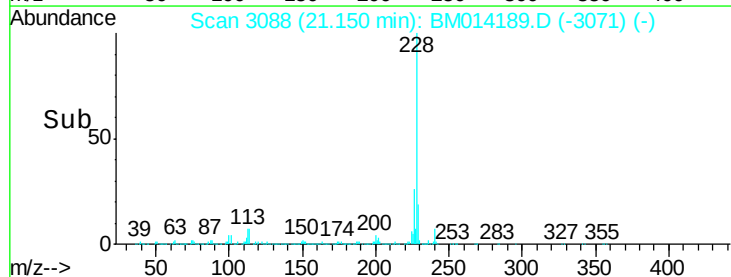
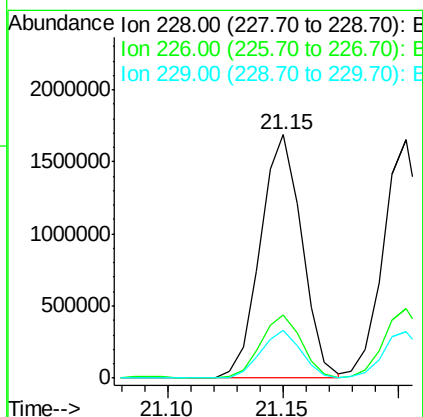
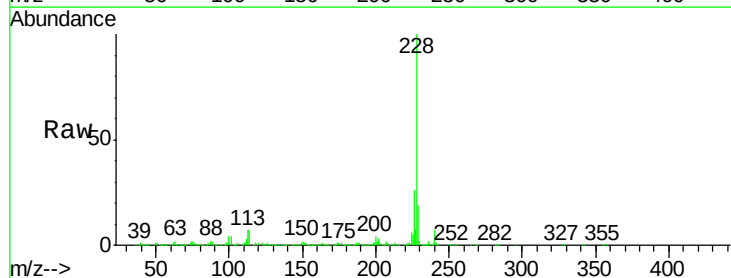
Instrument :
BNA_M
ClientSampleId :

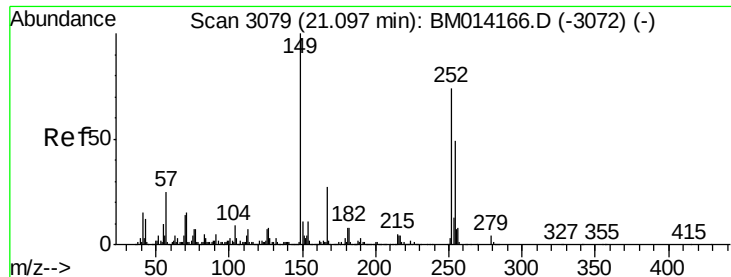
Tot Ion:149 Resp: 1000038
Ion Ratio Lower Upper
149 100
91 83.5 50.1 75.1#
206 20.2 16.2 24.2



#80
Benzo(a)anthracene
Concen: 38.180 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:228 Resp: 2110873
Ion Ratio Lower Upper
228 100
226 25.7 21.7 32.5
229 19.4 16.0 24.0

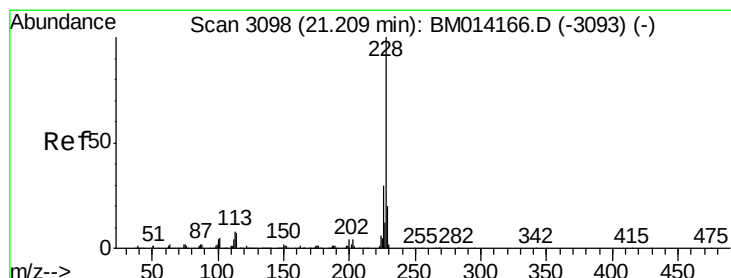
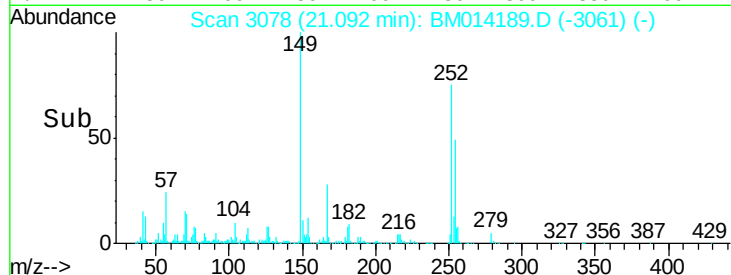
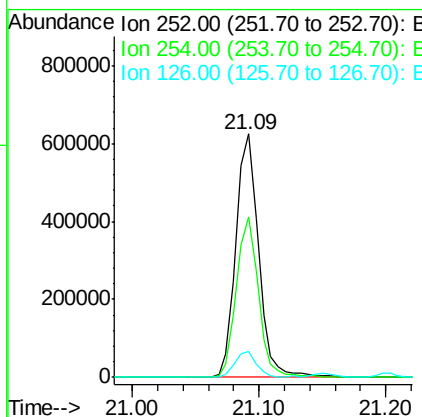
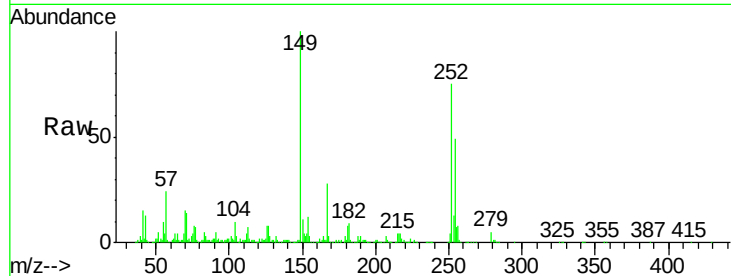




#81
 3,3'-Dichlorobenzidine
 Concen: 37.317 ng
 RT: 21.09 min Scan# 3078
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

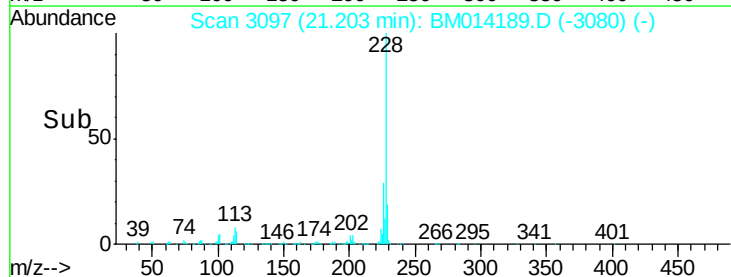
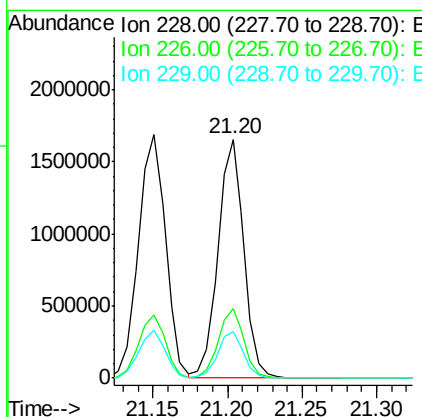
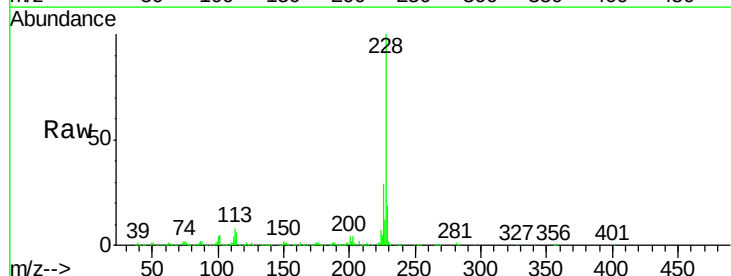
Instrument :
 BNA_M
 ClientSampleId :

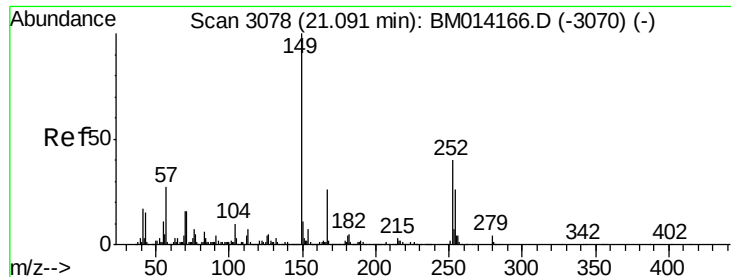
Tot Ion:252 Resp: 771100
 Ion Ratio Lower Upper
 252 100
 254 65.7 51.9 77.9
 126 10.5 9.8 14.8



#82
 Chrysene
 Concen: 37.313 ng
 RT: 21.20 min Scan# 3097
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion:228 Resp: 2001108
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.1 36.1
 229 19.2 15.5 23.3

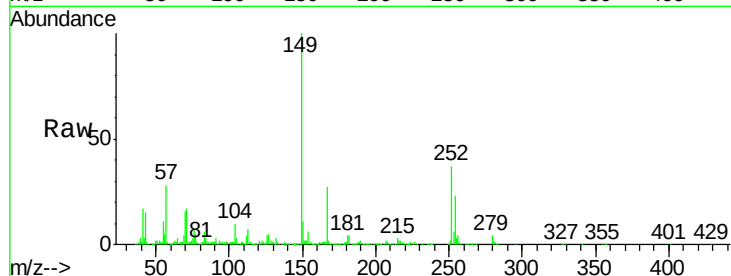




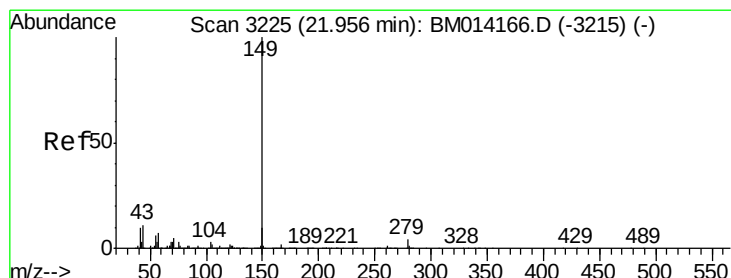
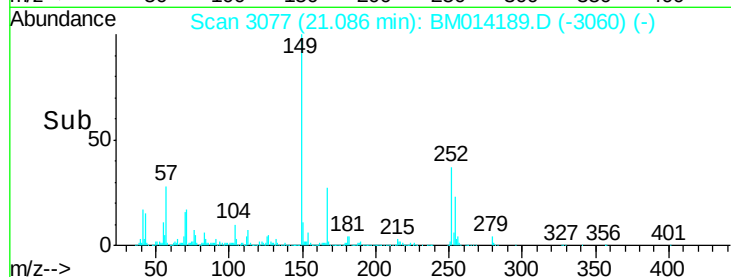
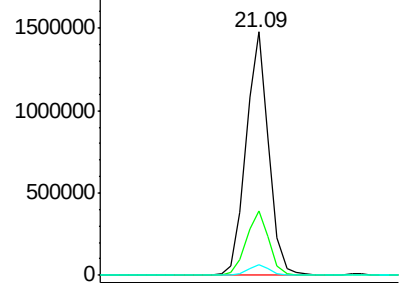
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.788 ng
 RT: 21.09 min Scan# 3077
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 1467311
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.4 33.6
 279 4.1 3.4 5.0

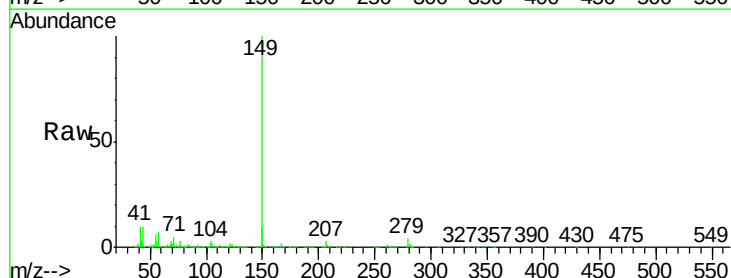


Abundance Ion 149.00 (148.70 to 149.70): E
 2000000
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

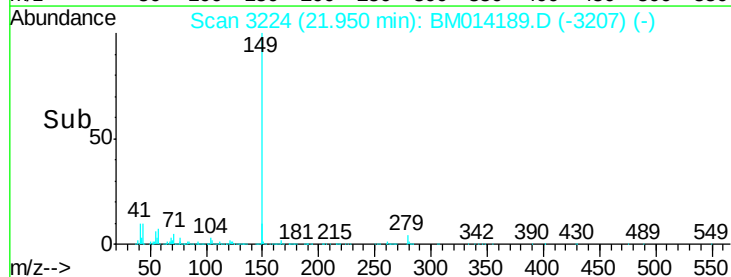
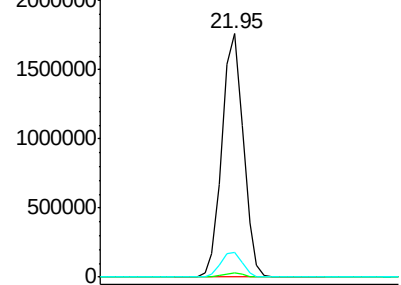


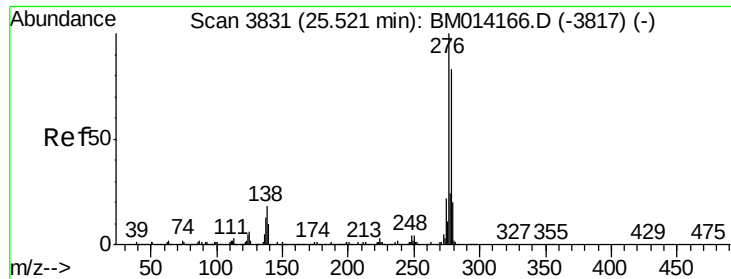
#84
 Di-n-octyl phthalate
 Concen: 37.883 ng
 RT: 21.95 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Tgt Ion:149 Resp: 2036404
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.7 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0

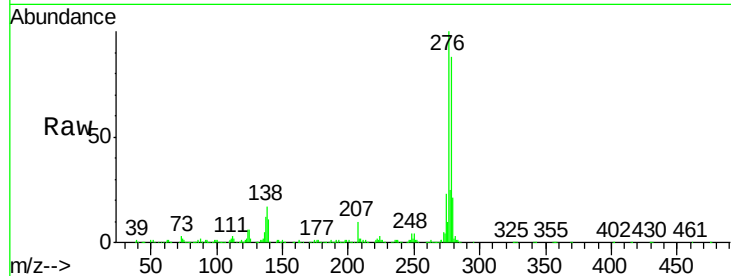




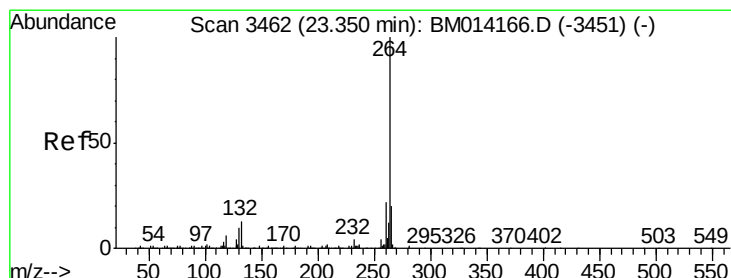
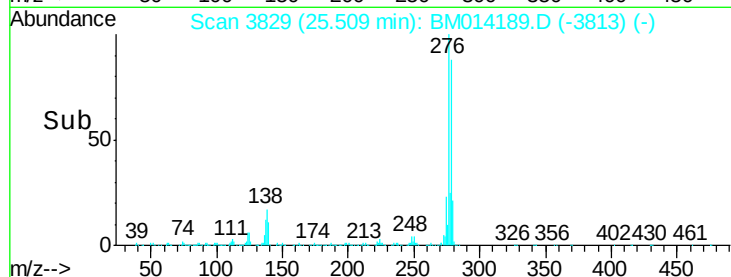
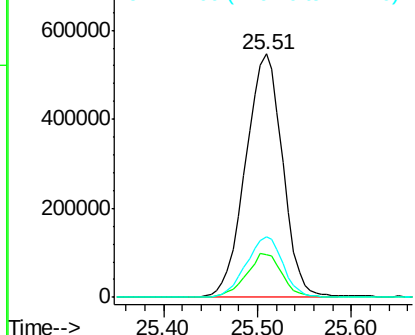
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.462 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 1495237
Ion Ratio Lower Upper
276 100
138 17.2 12.0 18.0
277 24.9 20.0 30.0

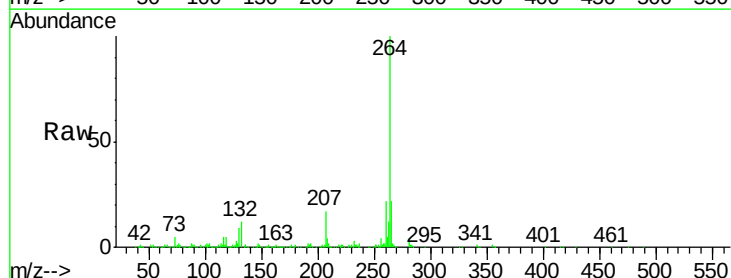


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

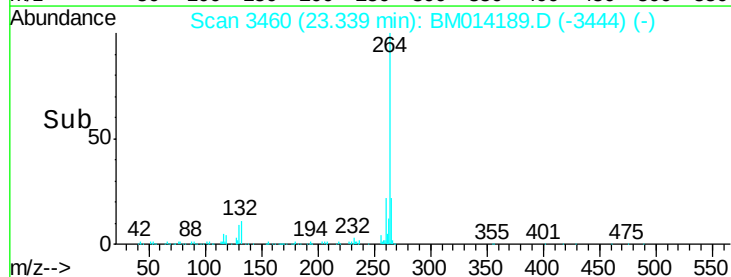
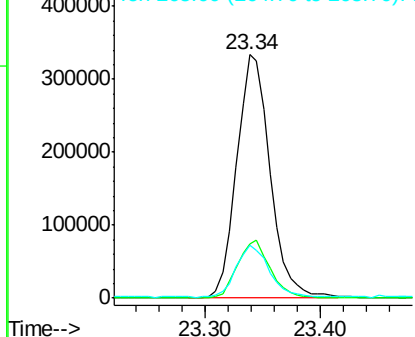


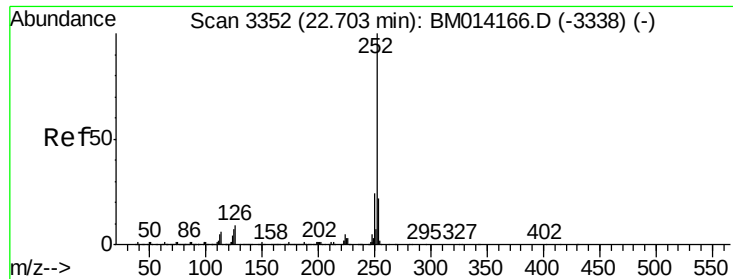
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:264 Resp: 671527
Ion Ratio Lower Upper
264 100
260 22.3 18.6 27.8
265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

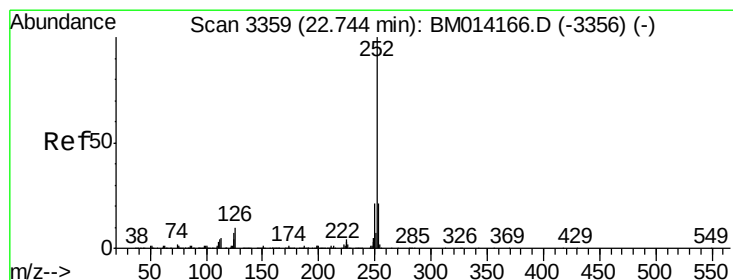
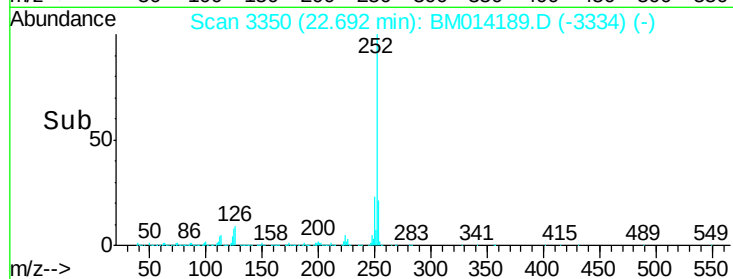
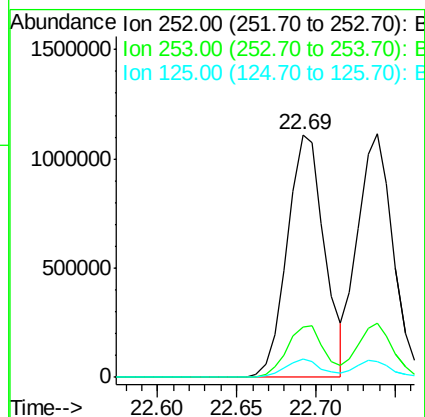
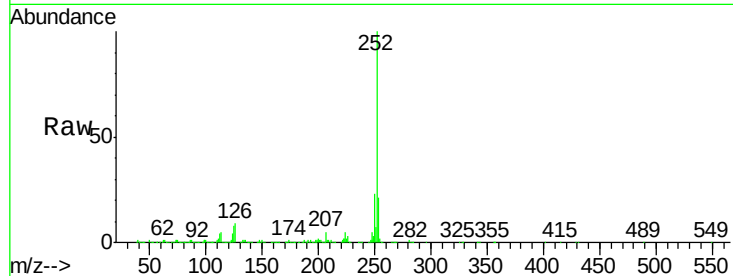




#87
Benzo(b)fluoranthene
Concen: 38.806 ng
RT: 22.69 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

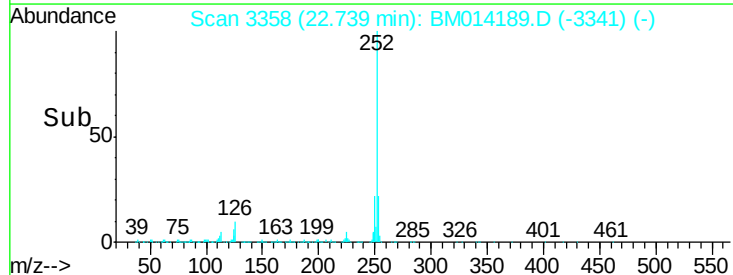
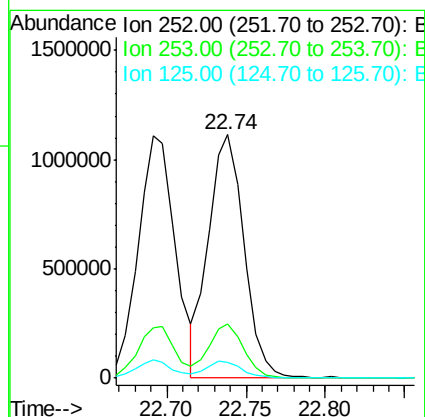
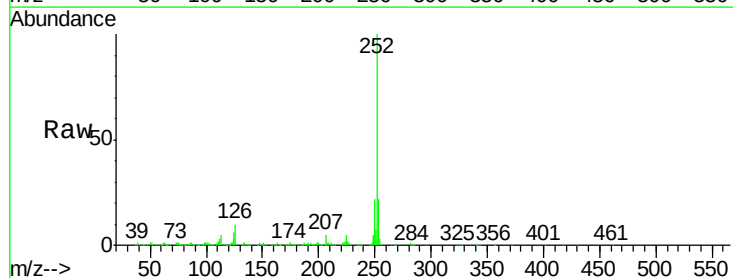
Instrument :
BNA_M
ClientSampled :

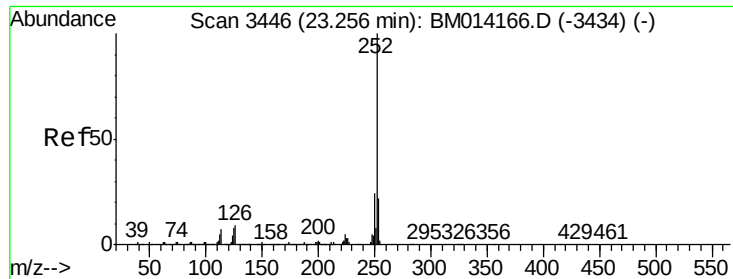
Tot Ion:252 Resp: 1808225
Ion Ratio Lower Upper
252 100
253 20.7 18.0 27.0
125 7.6 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 39.039 ng
RT: 22.74 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BM014189.D
Acq: 08 Feb 2018 12:16

Tgt Ion:252 Resp: 1729294
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 6.5 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 38.294 ng

RT: 23.25 min Scan# 3445

Delta R.T. -0.00 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

Instrument :

BNA_M

ClientSampleId :

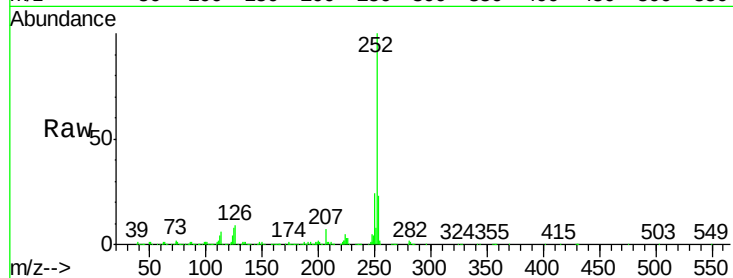
Tot Ion:252 Resp: 1572461

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

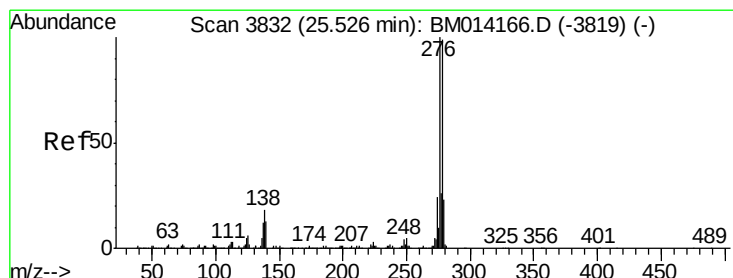
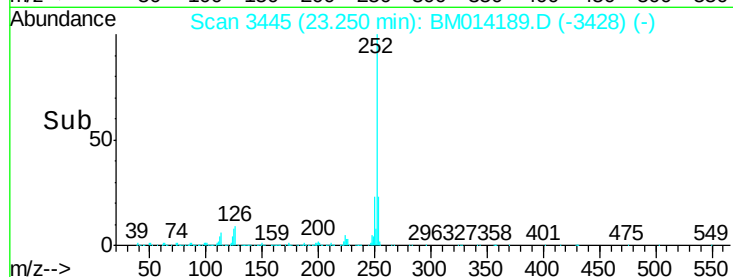
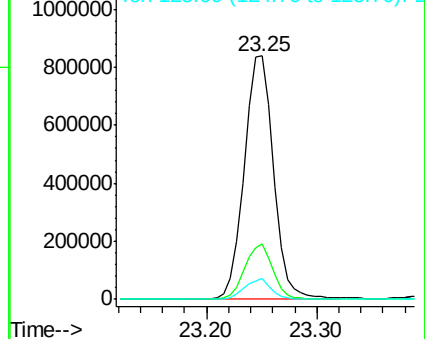
125 8.4 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.587 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BM014189.D

Acq: 08 Feb 2018 12:16

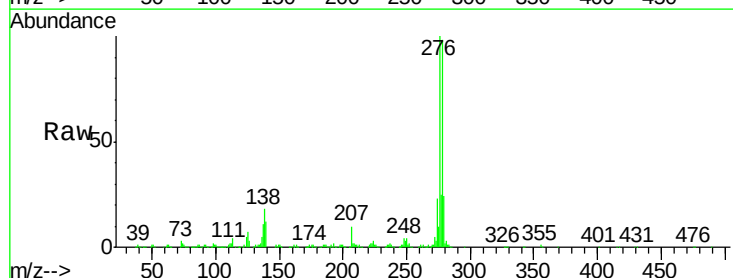
Tgt Ion:278 Resp: 1261313

Ion Ratio Lower Upper

278 100

139 11.7 13.4 20.0#

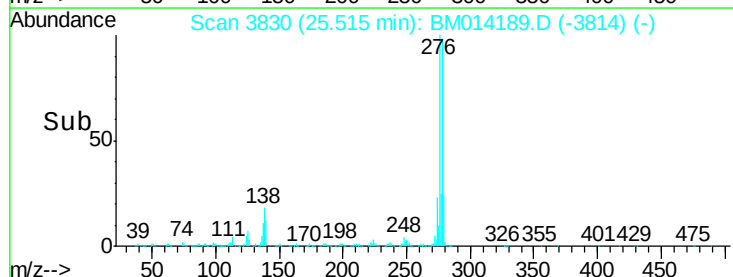
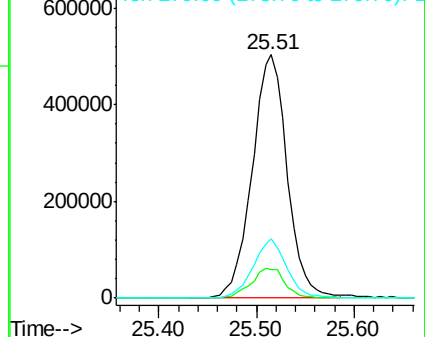
279 24.1 19.0 28.4

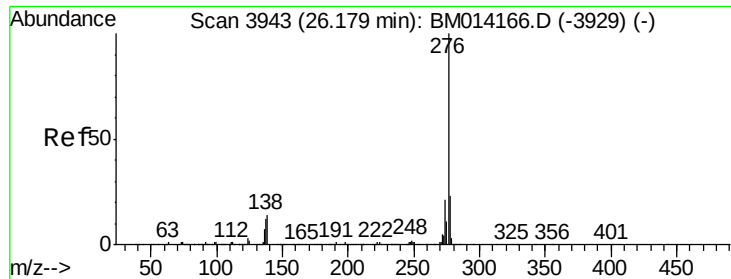


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.456 ng
 RT: 26.17 min Scan# 3941
 Delta R.T. -0.01 min
 Lab File: BM014189.D
 Acq: 08 Feb 2018 12:16

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 1175157
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.5 27.7
 138 13.1 19.0 28.6#

